

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021221\
 Data File : VW020317.D
 Acq On : 12 Feb 2021 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Feb 12 22:16:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:14:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	573297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	564139	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	306888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163374	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.18%		
7) Chloroethane-d5	1.568	69	148570	43.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.64%		
11) 1,1-Dichloroethene-d2	2.108	63	348821	44.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.30%		
21) 2-Butanone-d5	3.889	46	239479	102.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.55%		
24) Chloroform-d	4.352	84	339169	45.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.20%		
26) 1,2-Dichloroethane-d4	5.034	65	221641	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
32) Benzene-d6	5.053	84	654216	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.52%		
36) 1,2-Dichloropropane-d6	6.072	67	206629	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.70%		
41) Toluene-d8	7.320	98	612337	44.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.16%		
43) trans-1,3-Dichloroprop...	7.625	79	99642	44.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.60%		
47) 2-Hexanone-d5	8.092	63	179620	98.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.95%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	301814	48.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.34%		
64) 1,2-Dichlorobenzene-d4	11.632	152	265865	45.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.58%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	244391	47.94	ug/L	100
3) Chloromethane	1.240	50	221625	48.91	ug/L	99
5) Vinyl chloride	1.310	62	246094	50.44	ug/L	100
6) Bromomethane	1.523	94	154038	50.51	ug/L	95
8) Chloroethane	1.584	64	157201	51.51	ug/L	99
9) Trichlorofluoromethane	1.751	101	344698	49.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	189073	51.24	ug/L	94
12) 1,1-Dichloroethene	2.117	96	181512	51.04	ug/L	81
13) Acetone	2.179	43	177130	107.45	ug/L	95
14) Carbon disulfide	2.294	76	476387	45.45	ug/L	99
15) Methyl Acetate	2.433	43	185032	52.76	ug/L	93
16) Methylene chloride	2.507	84	201376	51.69	ug/L	90
17) trans-1,2-Dichloroethene	2.761	96	187658	50.89	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	585037	52.25	ug/L	96
19) 1,1-Dichloroethane	3.191	63	351010	52.41	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	207558	52.34	ug/L	90
22) 2-Butanone	3.969	43	256903	109.58	ug/L	92
23) Bromochloromethane	4.252	128	111946	52.20	ug/L #	83
25) Chloroform	4.378	83	373498	53.25	ug/L	98
27) 1,2-Dichloroethane	5.133	62	293529	52.86	ug/L	98

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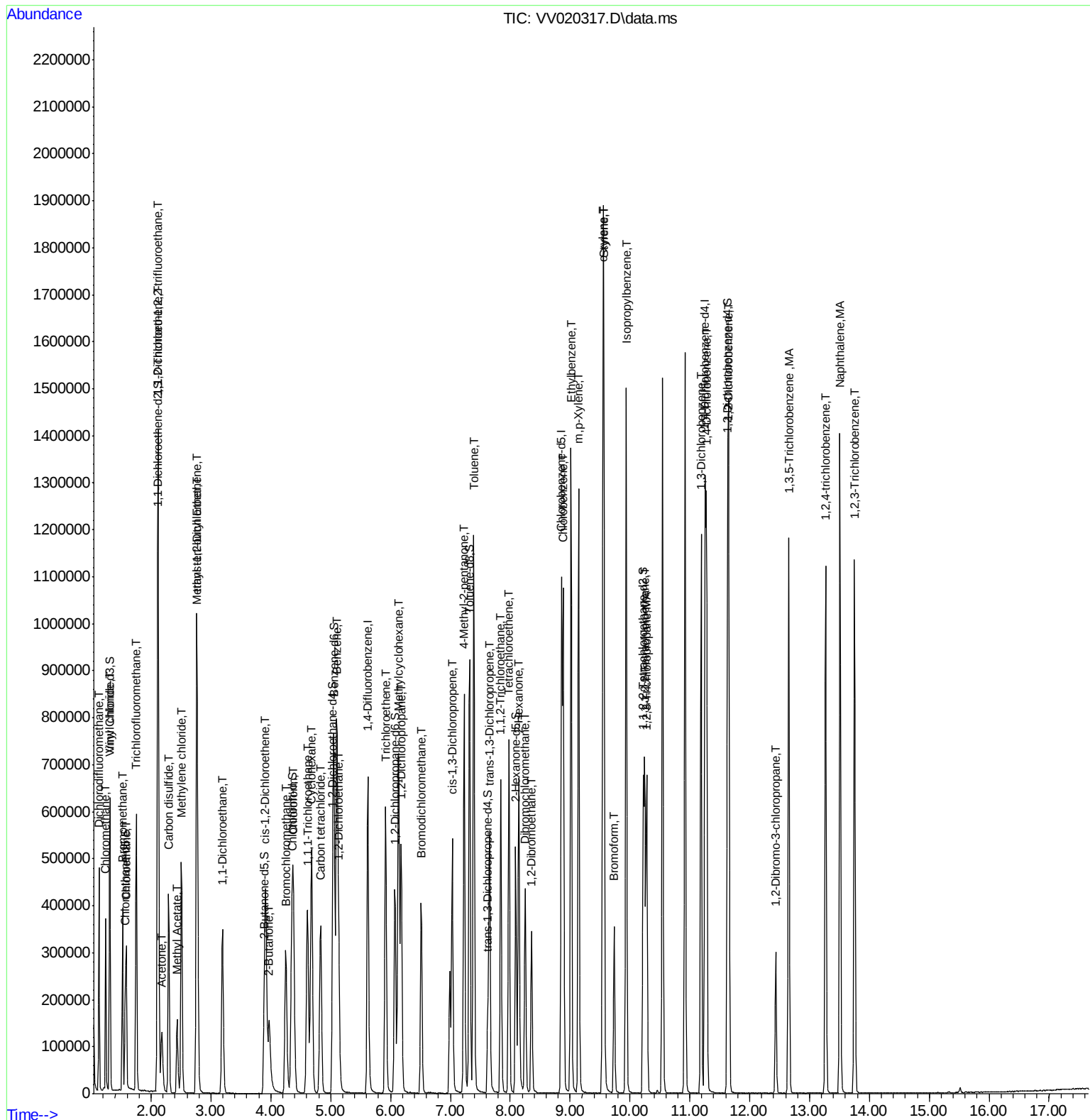
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	278466	48.69	ug/L	91
30) 1,1,1-Trichloroethane	4.613	97	315540	50.37	ug/L	97
31) Carbon tetrachloride	4.831	117	269057	49.39	ug/L	100
33) Benzene	5.101	78	783970	51.97	ug/L	100
34) Trichloroethene	5.918	95	210706	50.83	ug/L	93
35) Methylcyclohexane	6.133	83	307447	48.99	ug/L	93
37) 1,2-Dichloropropane	6.175	63	204480	53.51	ug/L	98
38) Bromodichloromethane	6.513	83	265280	50.51	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	305783	50.54	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	520937	108.13	ug/L #	94
42) Toluene	7.391	91	856180	51.60	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	305341	51.89	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	203969	51.87	ug/L	97
46) Tetrachloroethene	7.979	164	165224	48.78	ug/L	96
48) 2-Hexanone	8.143	43	401277	108.87	ug/L #	94
49) Dibromochloromethane	8.249	129	219166	50.51	ug/L	99
50) 1,2-Dibromoethane	8.355	107	216737	51.45	ug/L	98
51) Chlorobenzene	8.886	112	561659	50.46	ug/L	96
52) Ethylbenzene	9.018	91	941049	51.35	ug/L	99
53) m,p-Xylene	9.143	106	353397	50.65	ug/L	96
54) o-xylene	9.548	106	351594	51.76	ug/L	94
55) Styrene	9.564	104	620768	53.10	ug/L	96
56) Isopropylbenzene	9.937	105	934421	51.26	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	321037	51.82	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	264641	51.66	ug/L	99
61) Bromoform	9.738	173	155335	49.75	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	465787	51.31	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	473194	50.83	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	466312	51.45	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	70242	50.52	ug/L	83
67) 1,3,5-Trichlorobenzene	12.654	180	363464	51.27	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	330767	52.59	ug/L	97
69) Naphthalene	13.509	128	1031880	57.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	339011	54.13	ug/L	98

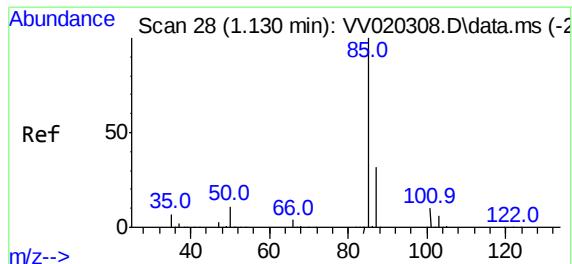
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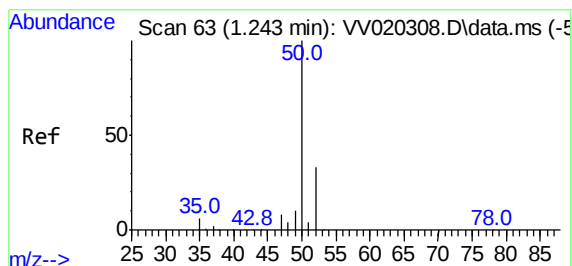
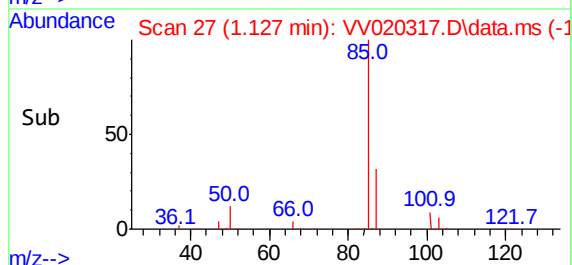
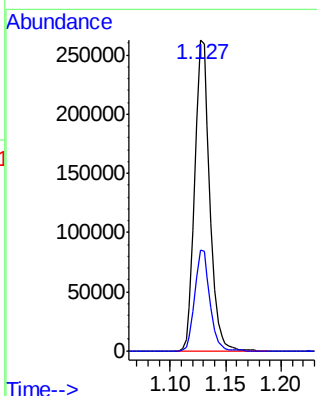
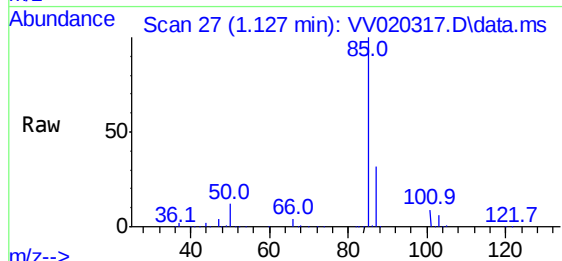




#2
Dichlorodifluoromethane
Concen: 47.94 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

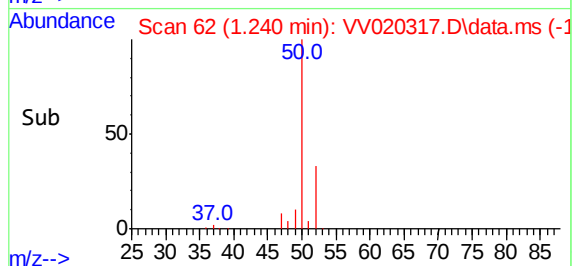
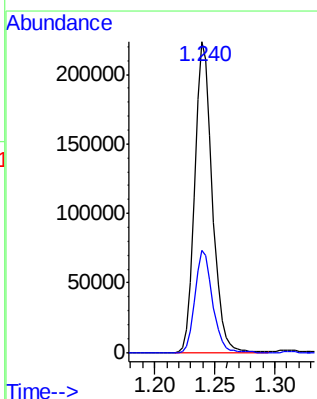
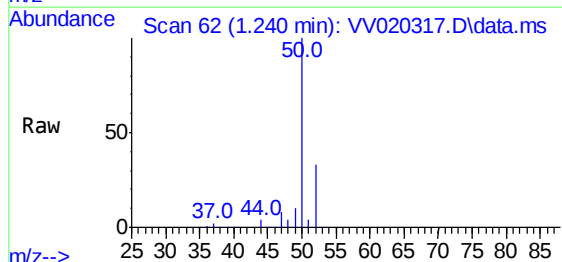
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

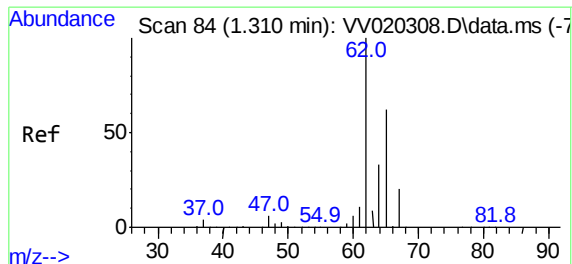
Tgt Ion: 85 Resp: 244391
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 48.91 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 50 Resp: 221625
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1



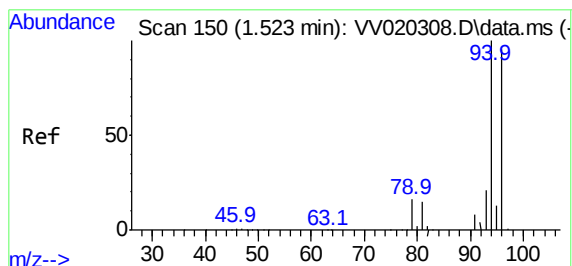
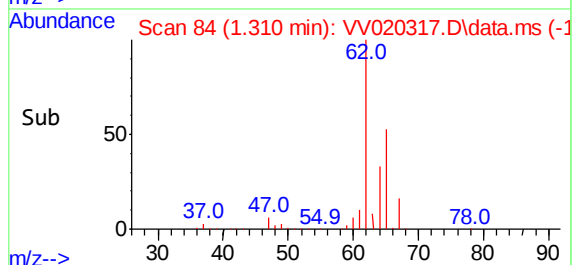
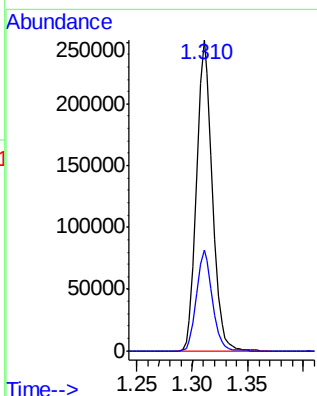
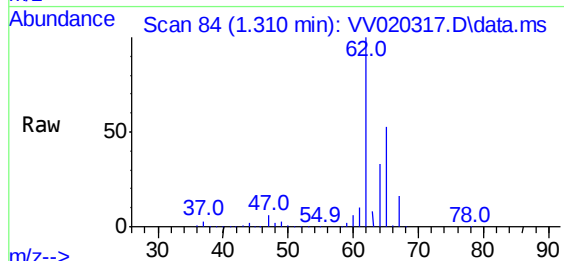


#5
 Vinyl chloride
 Concen: 50.44 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020317.D
 Acq: 12 Feb 2021 17:23

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05094

Tgt Ion: 62 Resp: 246094

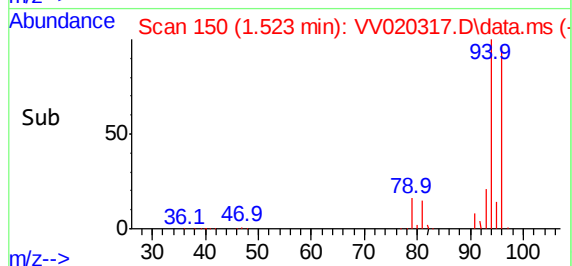
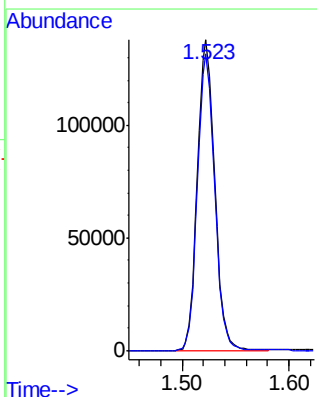
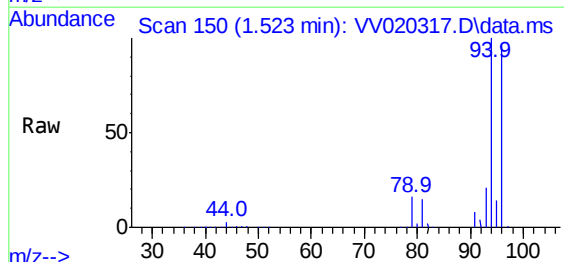
Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.0	42.6

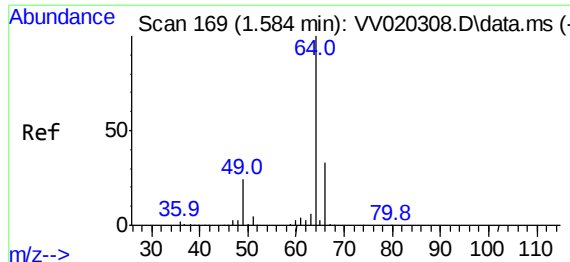


#6
 Bromomethane
 Concen: 50.51 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020317.D
 Acq: 12 Feb 2021 17:23

Tgt Ion: 94 Resp: 154038

Ion	Ratio	Lower	Upper
94	100		
96	95.5	63.6	118.2

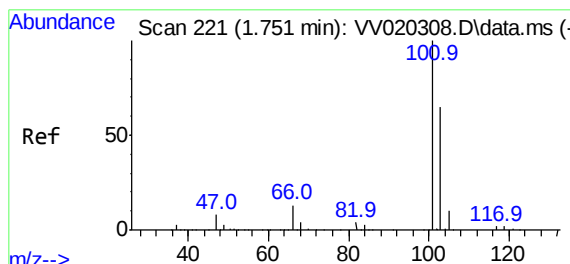
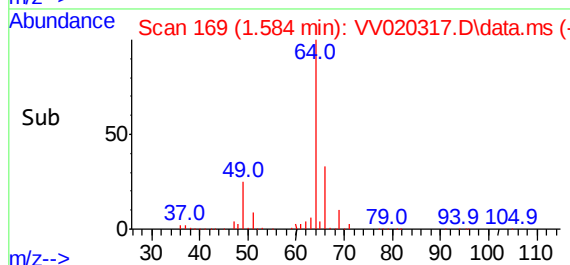
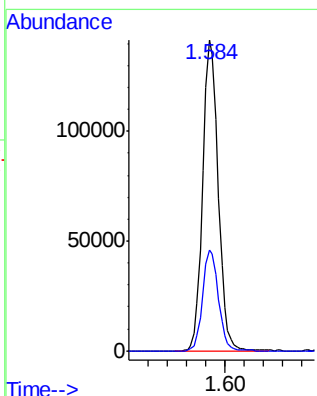
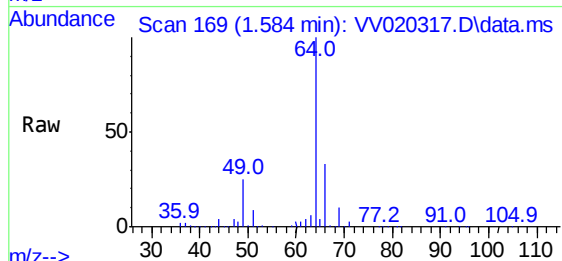




#8
Chloroethane
Concen: 51.51 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

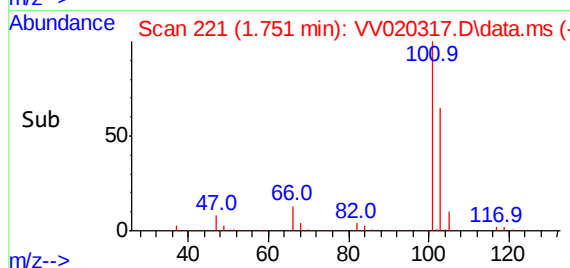
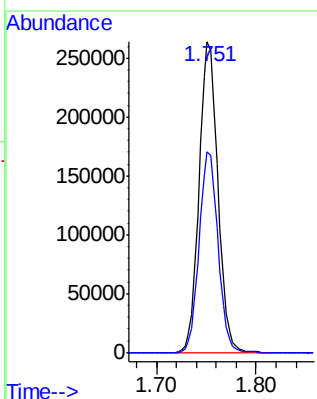
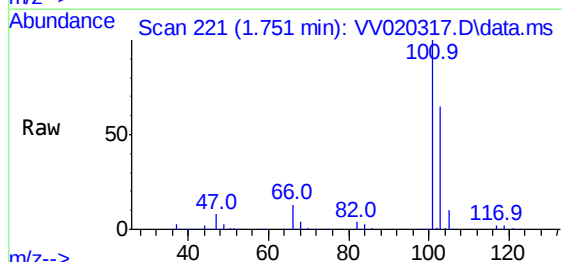
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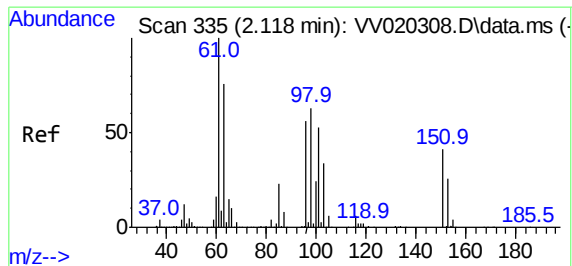
Tgt Ion: 64 Resp: 157201
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.72 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:101 Resp: 344698
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5



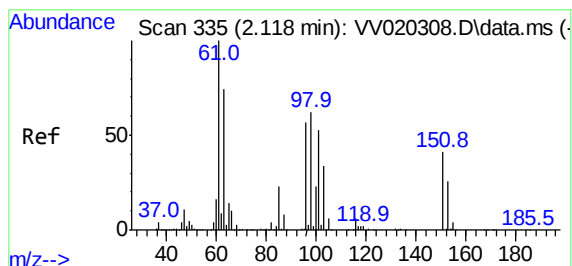
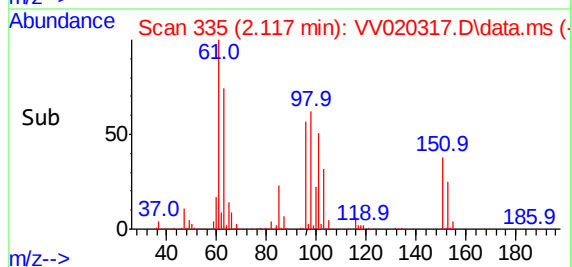
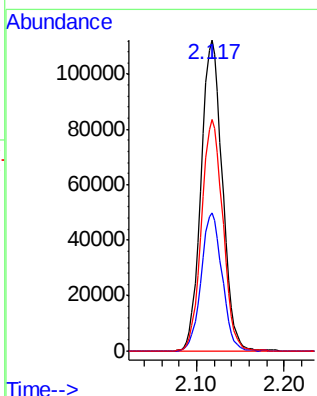
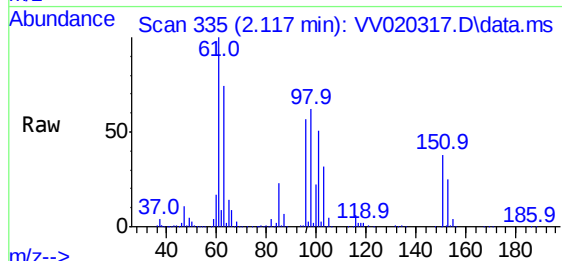


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.24 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020317.D
 Acq: 12 Feb 2021 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Tgt Ion:101 Resp: 189073

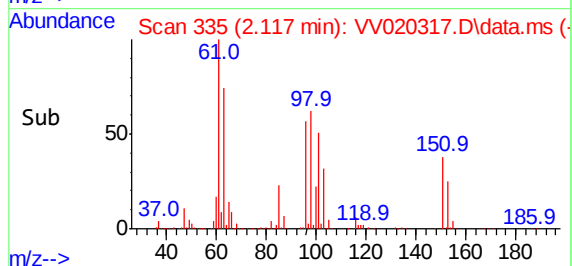
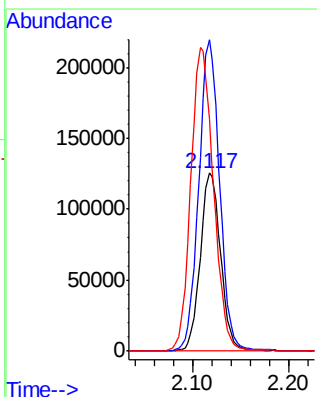
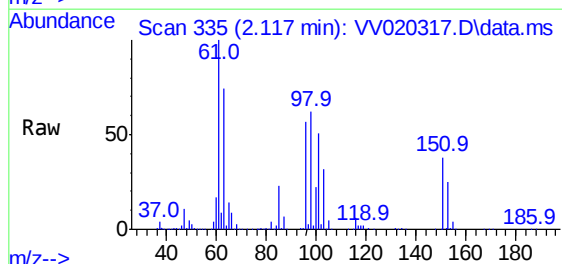
Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.3	52.9
151	74.7	53.6	80.4

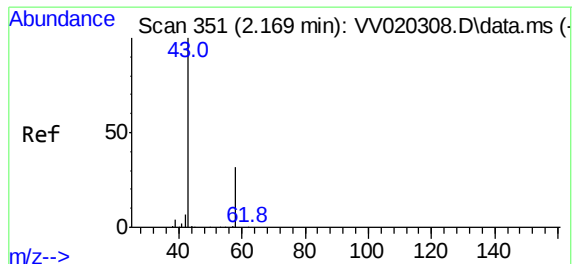


#12
 1,1-Dichloroethene
 Concen: 51.04 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020317.D
 Acq: 12 Feb 2021 17:23

Tgt Ion: 96 Resp: 181512

Ion	Ratio	Lower	Upper
96	100		
61	175.0	134.9	250.5
63	130.1	117.6	218.4

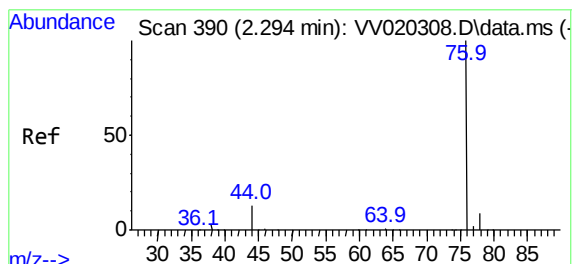
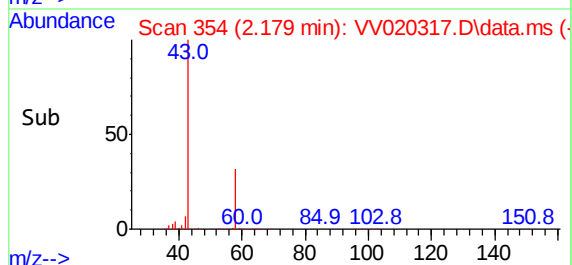
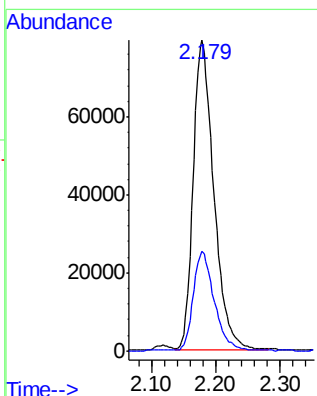
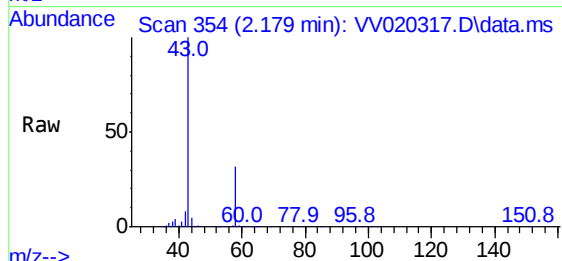




#13
Acetone
Concen: 107.45 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.010 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

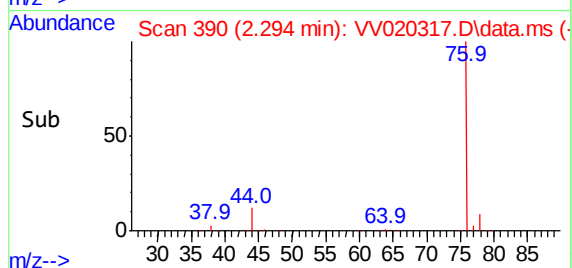
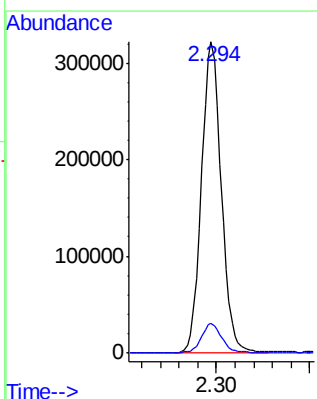
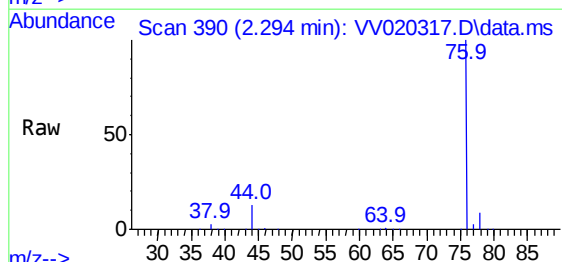
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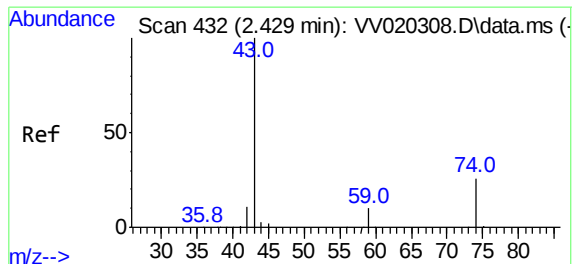
Tgt Ion: 43 Resp: 177130
Ion Ratio Lower Upper
43 100
58 32.8 0.0 60.2



#14
Carbon disulfide
Concen: 45.45 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 76 Resp: 476387
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

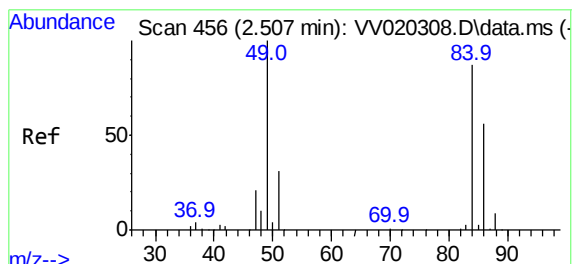
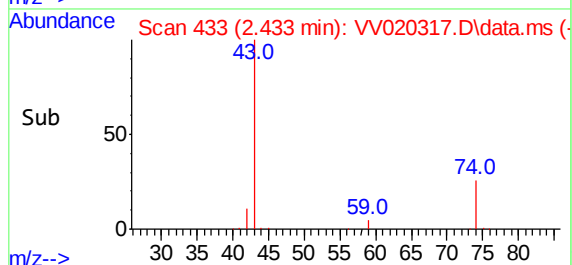
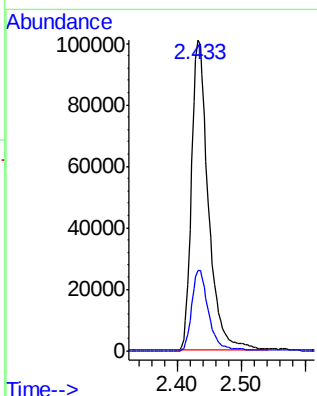
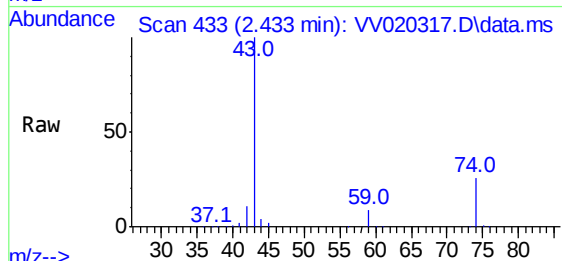




#15
Methyl Acetate
Concen: 52.76 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

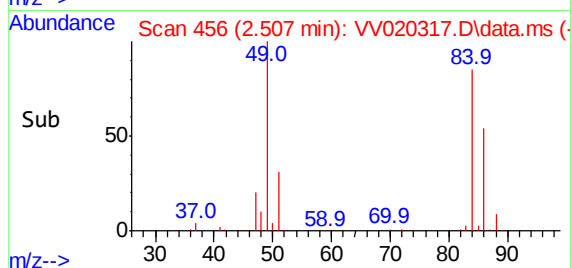
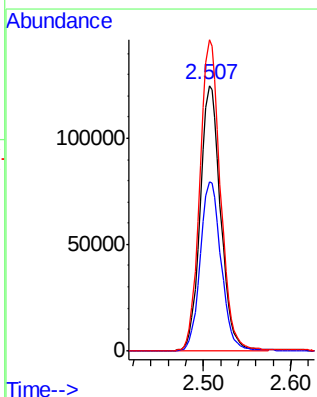
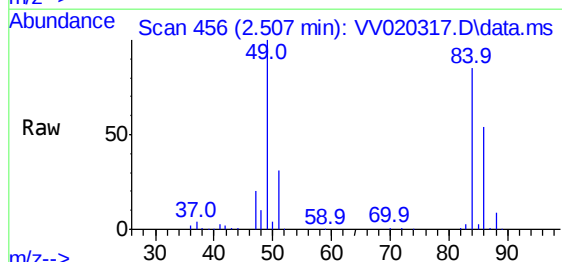
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

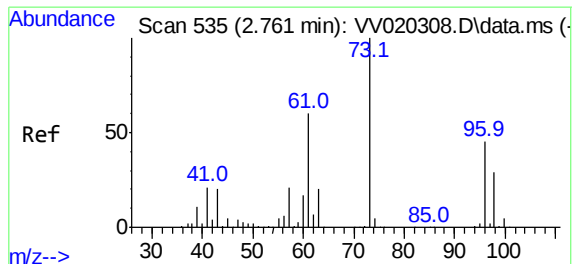
Tgt Ion: 43 Resp: 185032
Ion Ratio Lower Upper
43 100
74 25.3 17.6 26.4



#16
Methylene chloride
Concen: 51.69 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 84 Resp: 201376
Ion Ratio Lower Upper
84 100
86 63.6 44.6 82.8
49 117.4 94.6 175.8

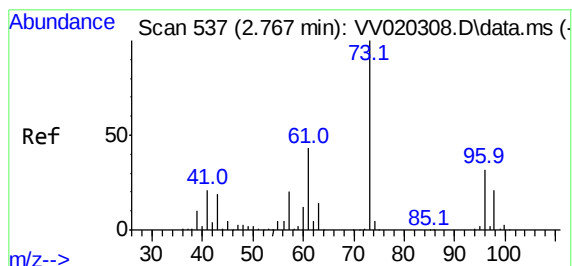
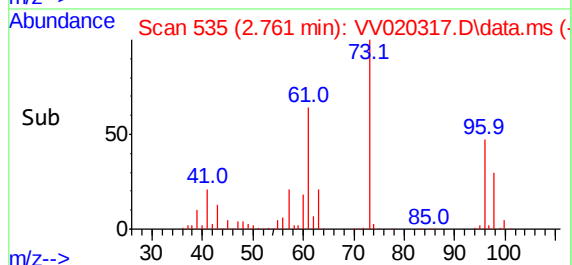
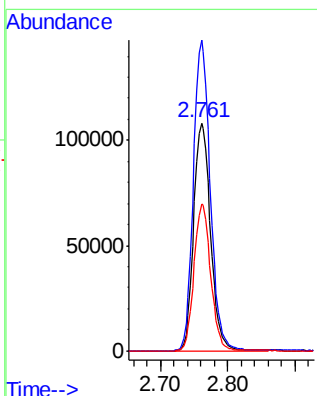
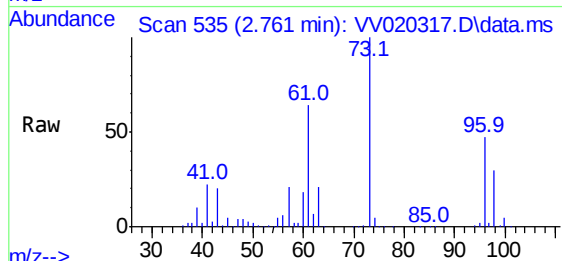




#17
trans-1,2-Dichloroethene
Concen: 50.89 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

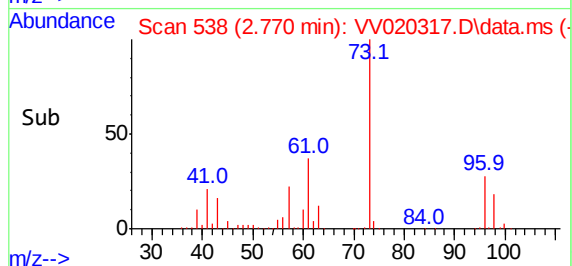
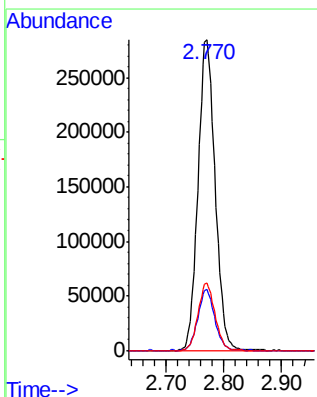
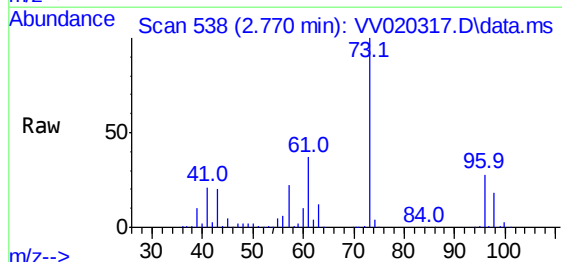
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

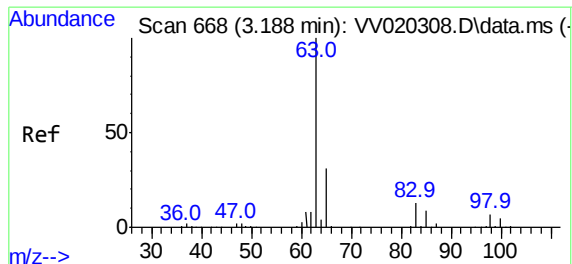
Tgt Ion: 96 Resp: 187658
Ion Ratio Lower Upper
96 100
61 136.4 103.1 191.5
98 64.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 52.25 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 73 Resp: 585037
Ion Ratio Lower Upper
73 100
43 19.2 17.3 25.9
57 21.4 17.9 26.9

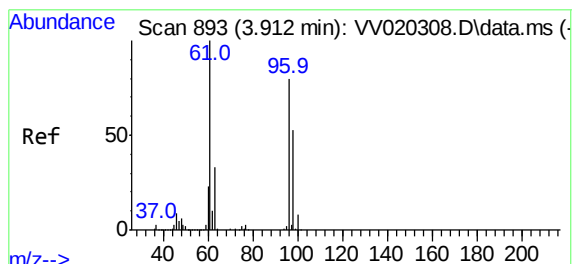
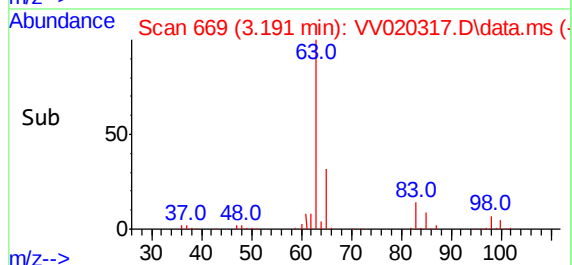
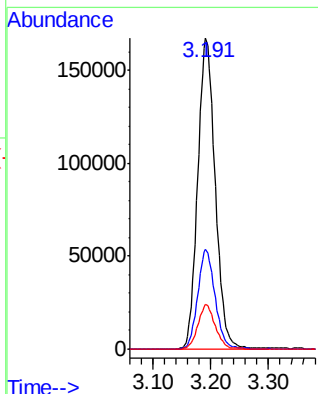
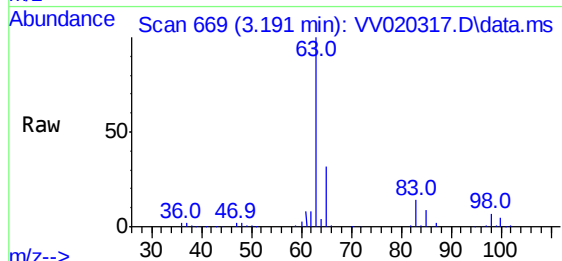




#19
1,1-Dichloroethane
Concen: 52.41 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

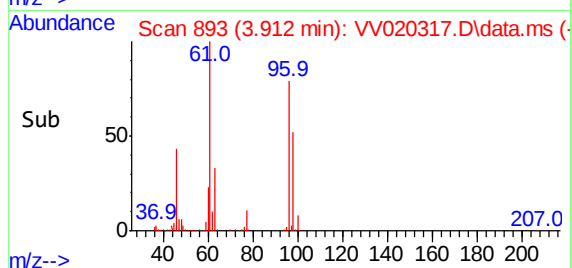
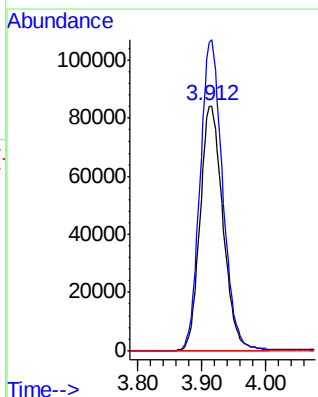
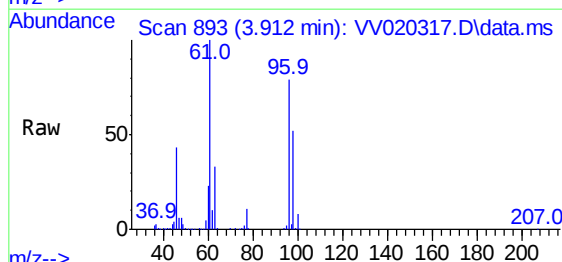
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

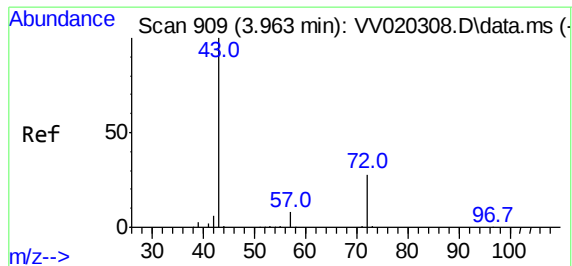
Tgt Ion: 63 Resp: 351010
Ion Ratio Lower Upper
63 100
65 31.9 21.9 40.7
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.34 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 96 Resp: 207558
Ion Ratio Lower Upper
96 100
61 126.0 96.9 179.9
68 0.0 0.0 0.0

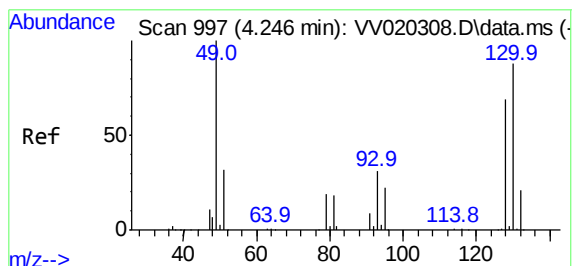
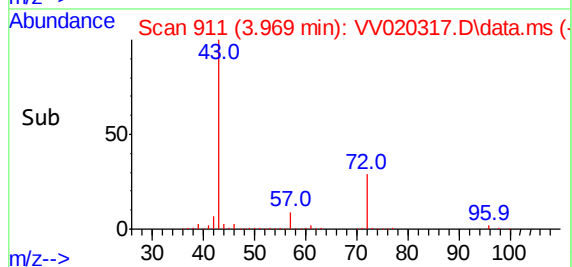
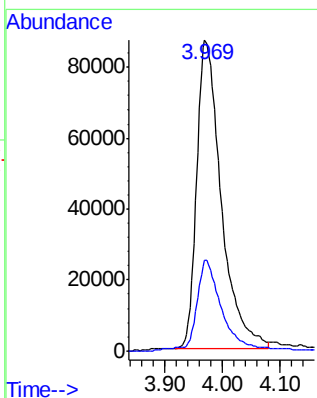
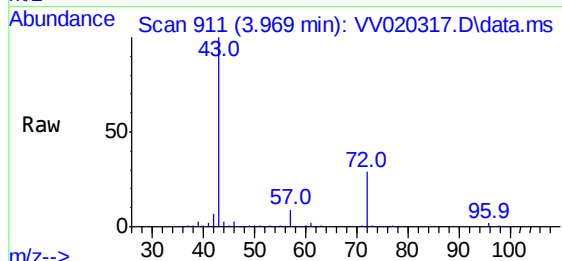




#22
2-Butanone
Concen: 109.58 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

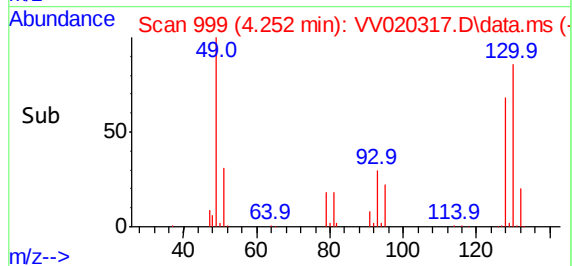
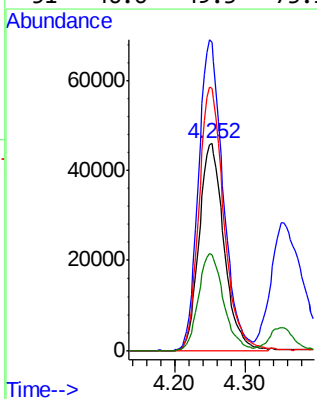
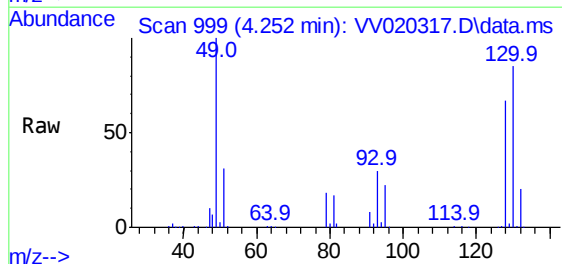
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

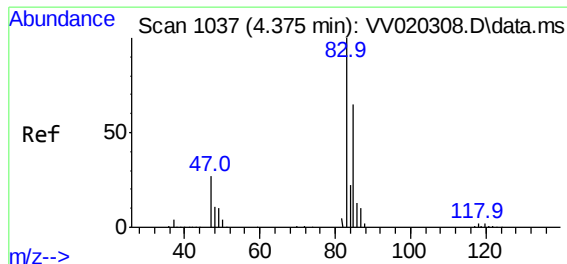
Tgt Ion: 43 Resp: 256903
Ion Ratio Lower Upper
43 100
72 28.2 12.2 36.6



#23
Bromochloromethane
Concen: 52.20 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 128 Resp: 111946
Ion Ratio Lower Upper
128 100
49 149.3 133.1 247.1
130 127.0 89.0 165.4
51 46.6 49.3 73.9#

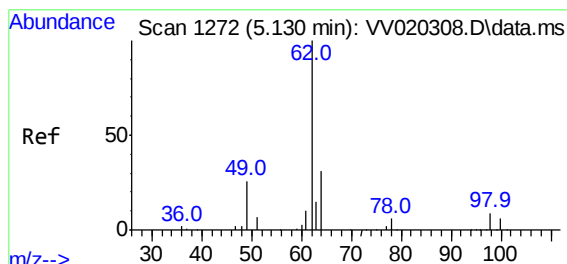
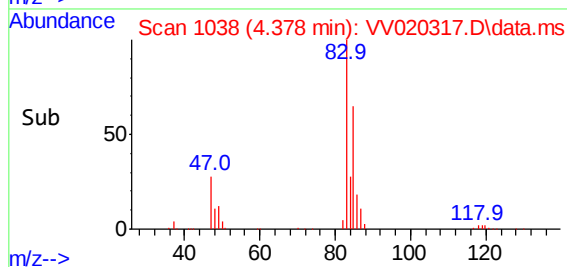
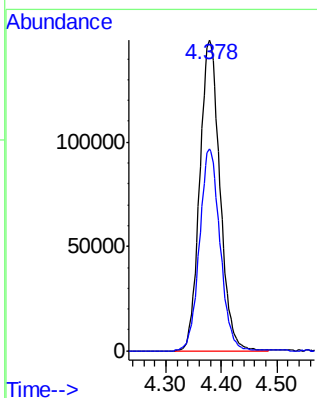
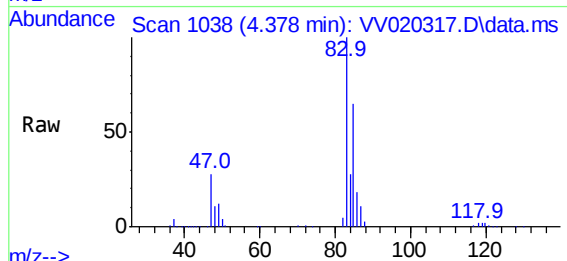




#25
Chloroform
Concen: 53.25 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

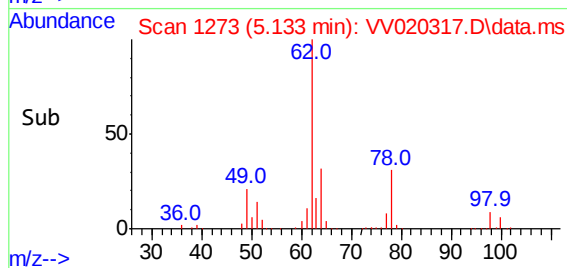
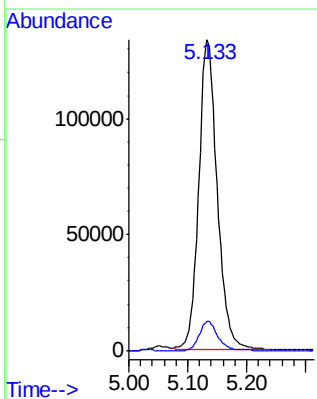
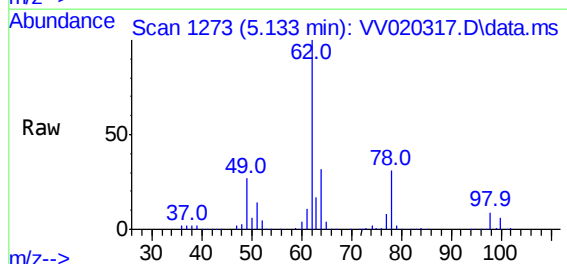
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

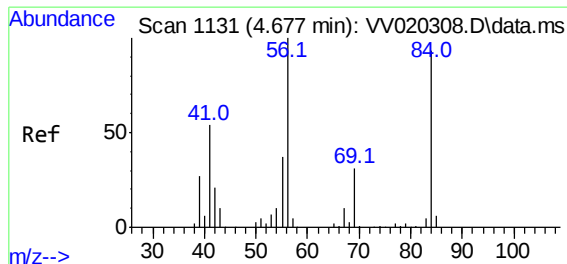
Tgt Ion: 83 Resp: 373498
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 52.86 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 62 Resp: 293529
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3

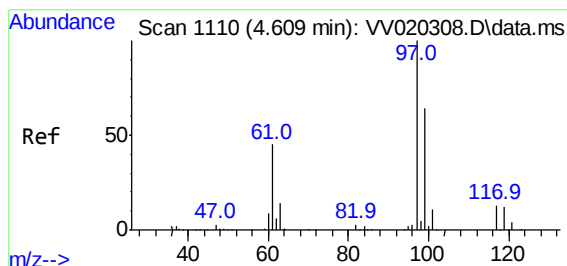
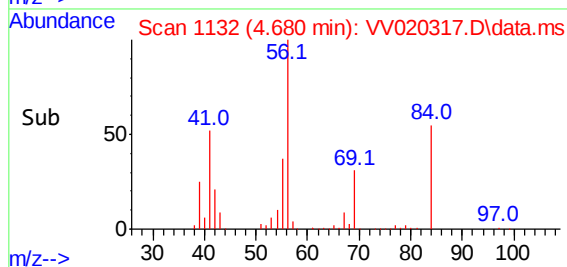
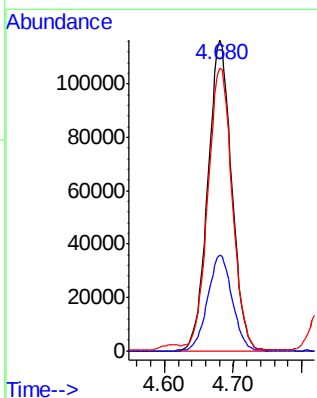
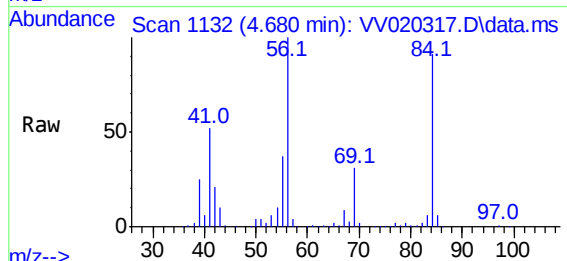




#29
Cyclohexane
Concen: 48.69 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

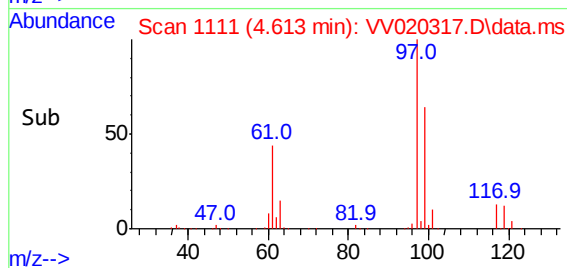
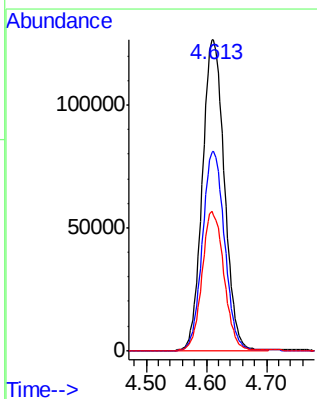
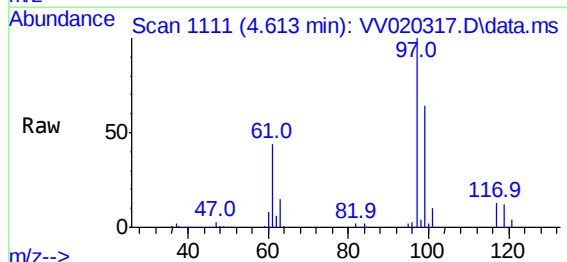
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

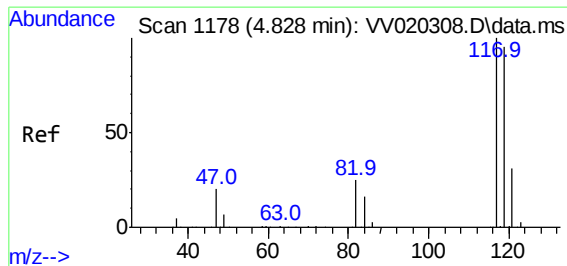
Tgt Ion: 56 Resp: 278466
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.2
84 92.8 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 50.37 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 97 Resp: 315540
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 44.5 38.5 57.7

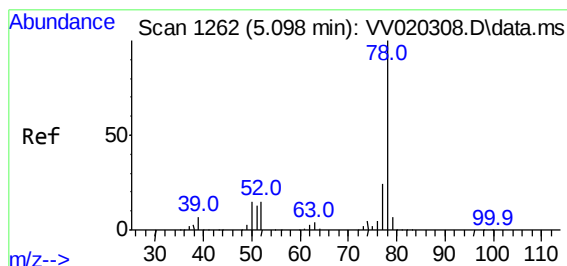
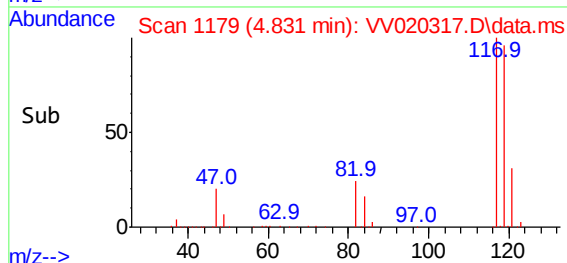
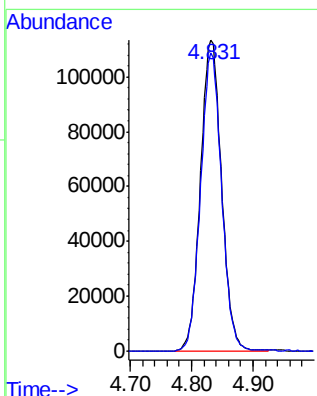
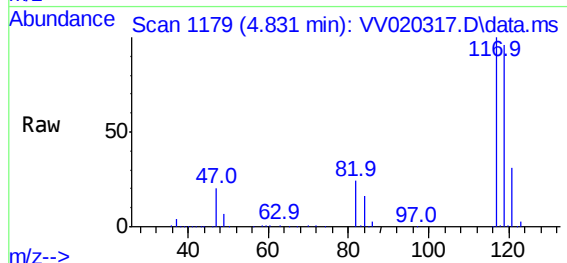




#31
Carbon tetrachloride
Concen: 49.39 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

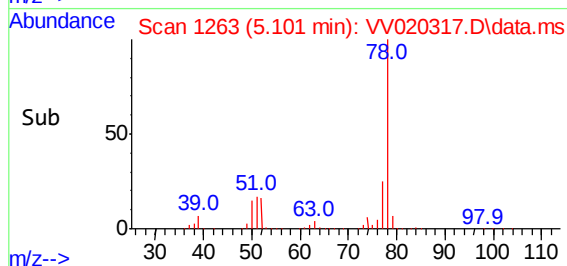
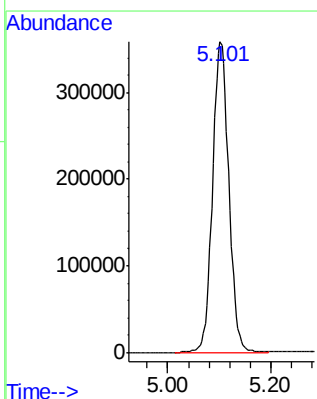
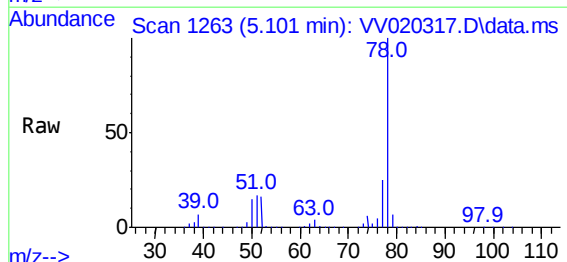
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

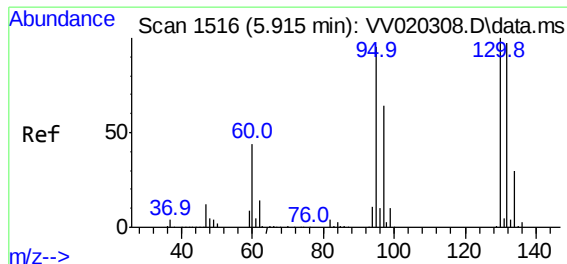
Tgt Ion:117 Resp: 269057
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 51.97 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 78 Resp: 783970

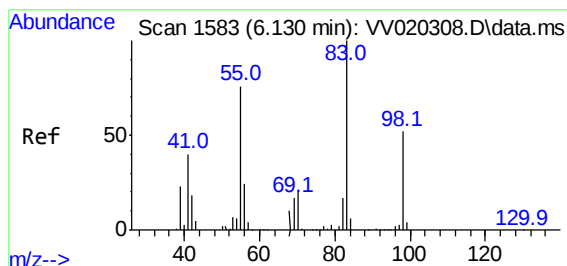
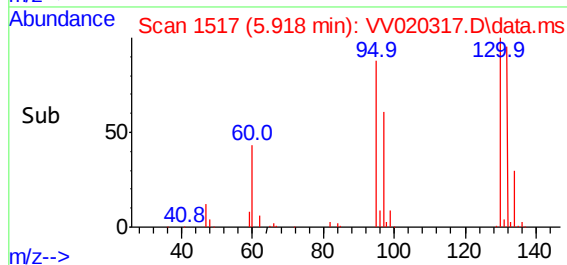
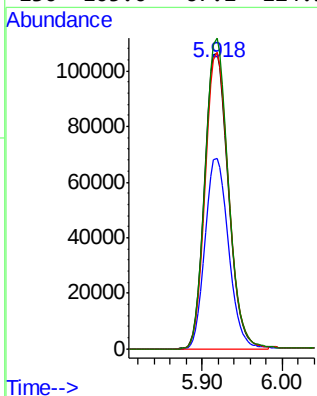
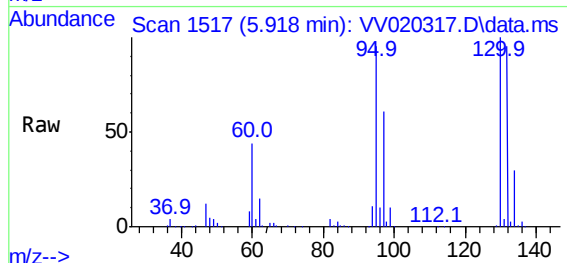




#34
Trichloroethene
Concen: 50.83 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

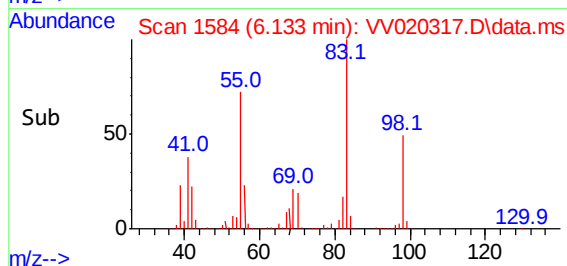
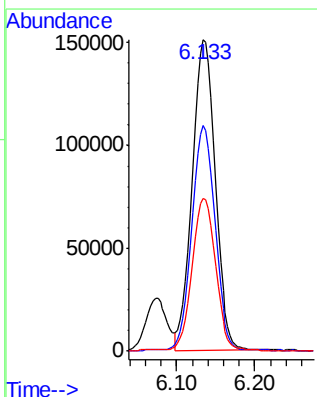
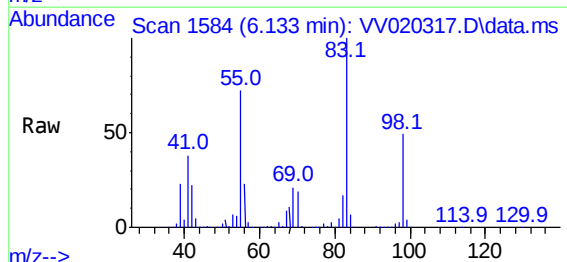
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

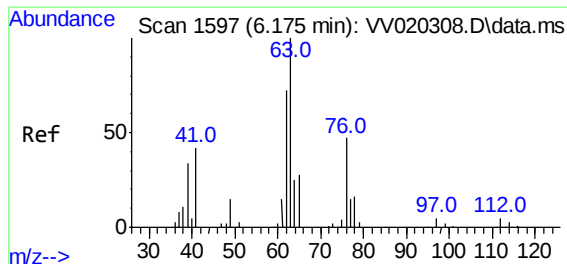
Tgt Ion: 95 Resp: 210706
Ion Ratio Lower Upper
95 100
97 64.4 44.5 82.7
132 100.1 63.4 117.8
130 105.0 67.1 124.5



#35
Methylcyclohexane
Concen: 48.99 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 83 Resp: 307447
Ion Ratio Lower Upper
83 100
55 72.9 65.1 97.7
98 49.8 38.2 57.2

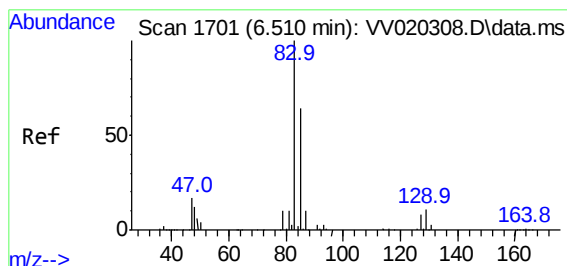
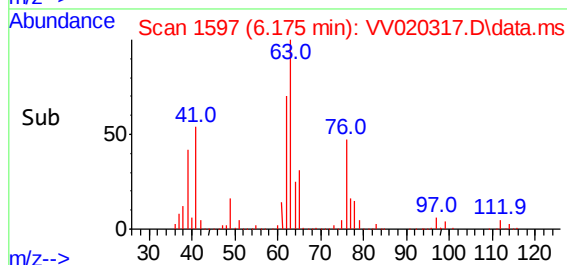
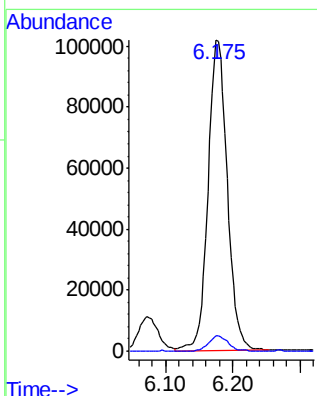
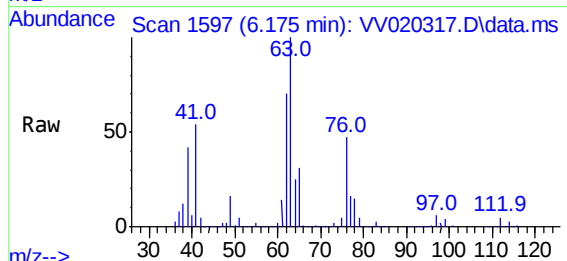




#37
1,2-Dichloropropane
Concen: 53.51 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

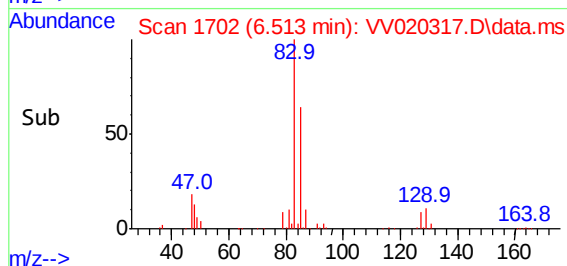
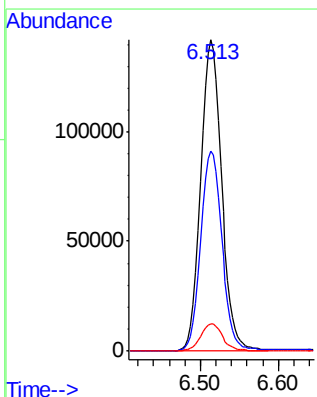
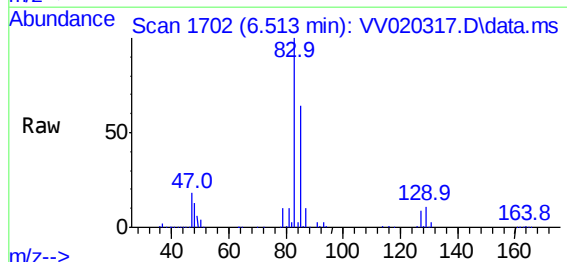
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

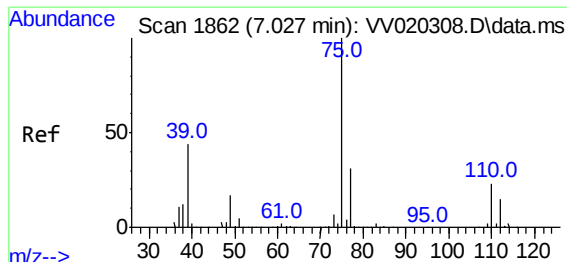
Tgt Ion: 63 Resp: 204480
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 50.51 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 83 Resp: 265280
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
127 8.7 6.3 9.5

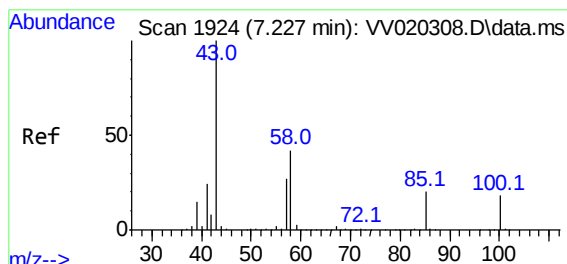
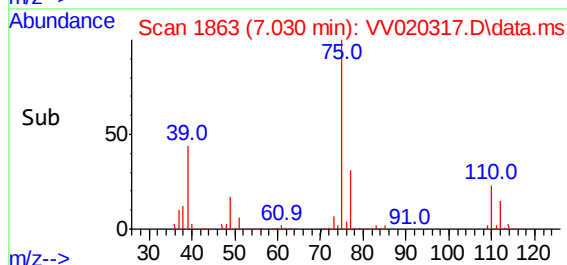
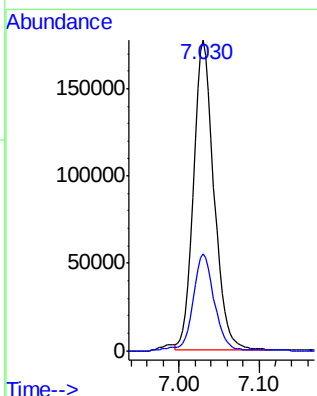
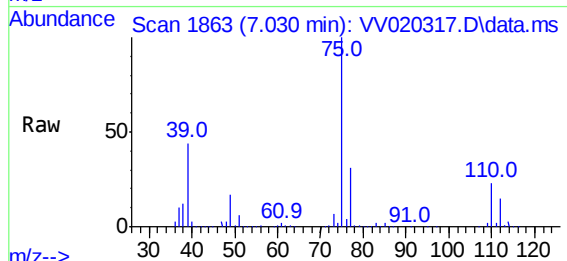




#39
cis-1,3-Dichloropropene
Concen: 50.54 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

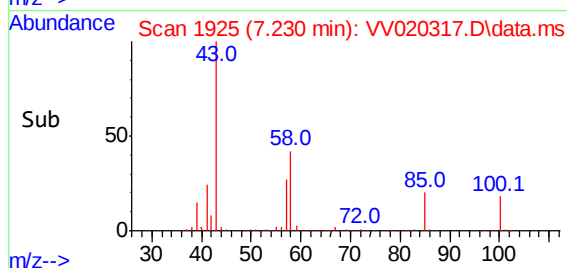
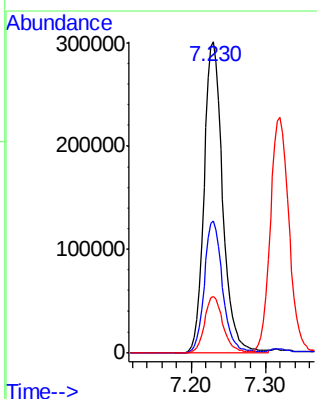
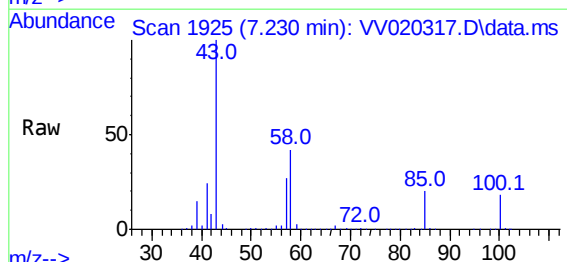
Instrument :
MSVOA_V
ClientSampled :
VSTD05094

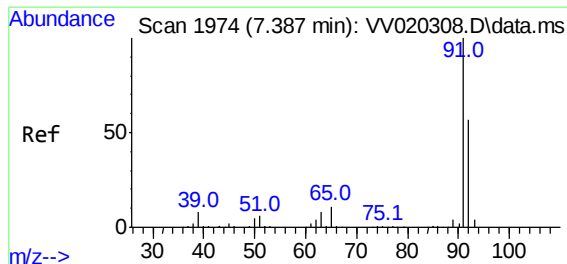
Tgt Ion: 75 Resp: 305783
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 108.13 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 43 Resp: 520937
Ion Ratio Lower Upper
43 100
58 41.6 30.7 46.1
100 17.7 11.6 17.4#

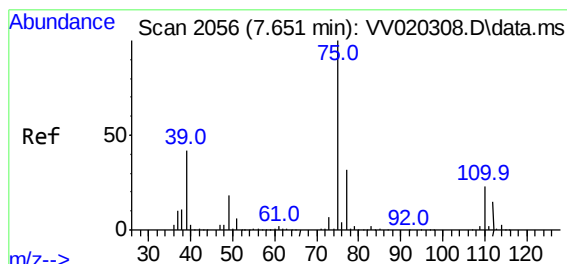
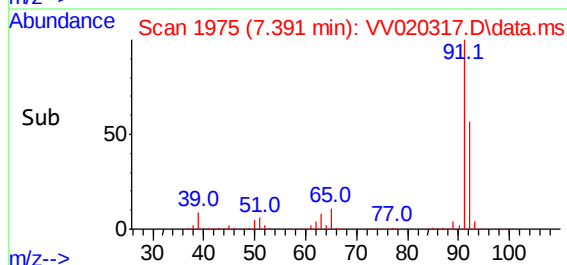
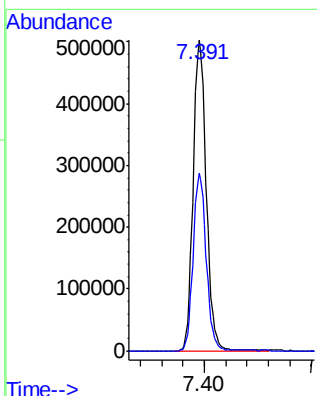
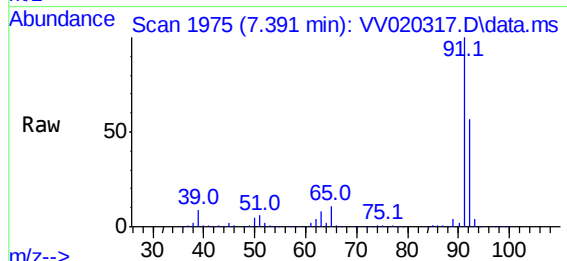




#42
Toluene
Concen: 51.60 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

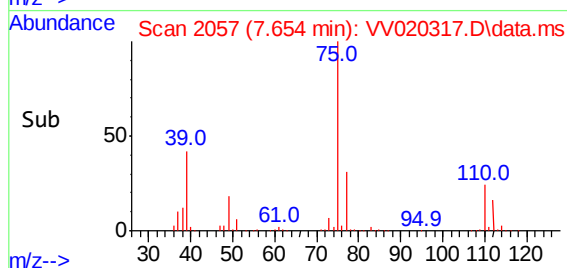
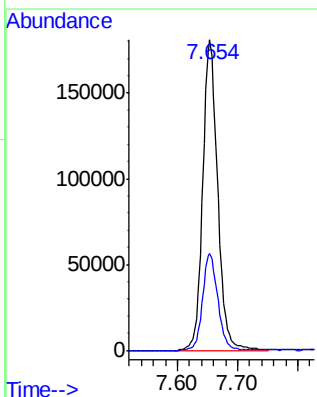
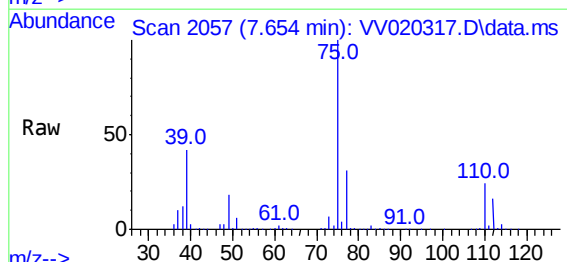
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

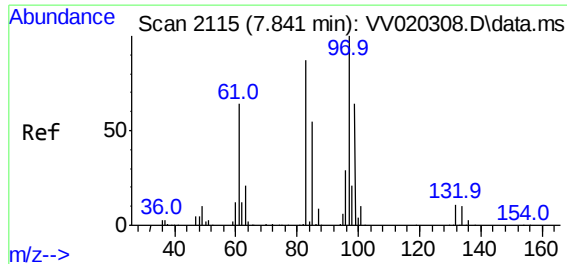
Tgt Ion: 91 Resp: 856180
Ion Ratio Lower Upper
91 100
92 57.0 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 51.89 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 75 Resp: 305341
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



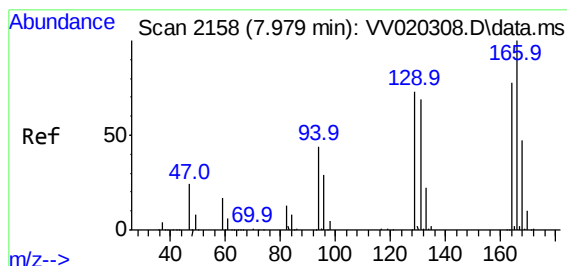
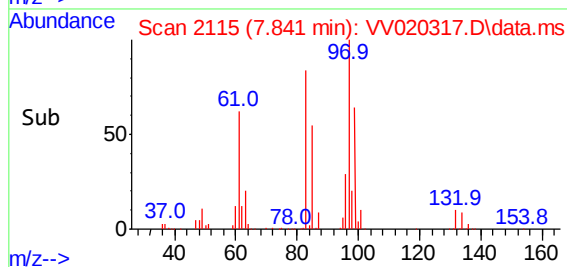
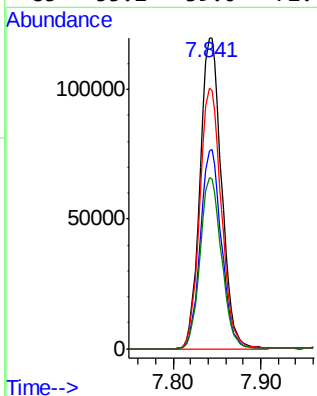
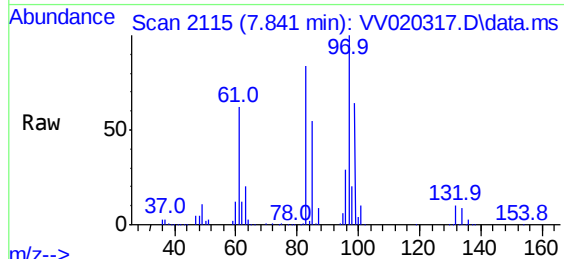


#45
1,1,2-Trichloroethane
Concen: 51.87 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

Tgt Ion: 97 Resp: 203969

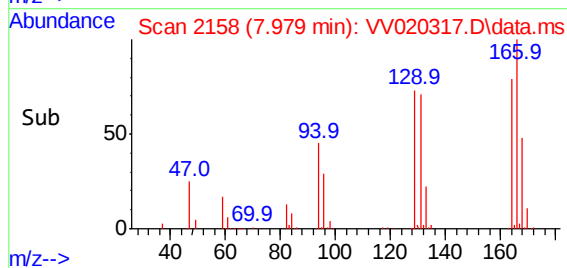
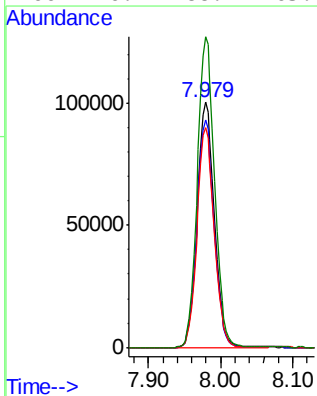
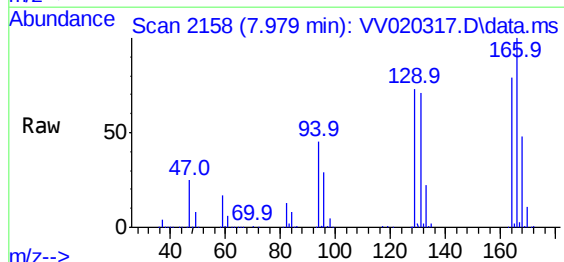
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.3
83	83.8	62.2	115.4
85	55.2	39.0	72.4

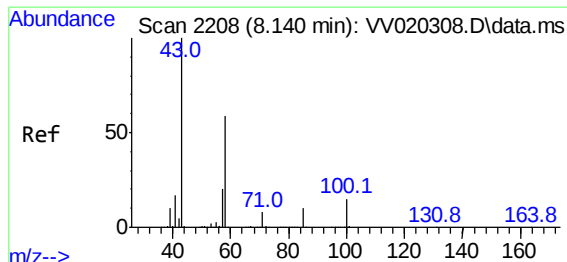


#46
Tetrachloroethene
Concen: 48.78 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 164 Resp: 165224

Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.6	131.0
131	89.9	66.8	124.0
166	126.9	88.2	163.8

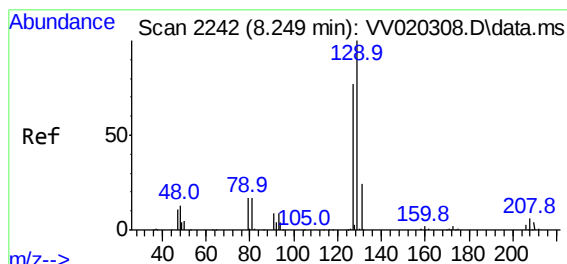
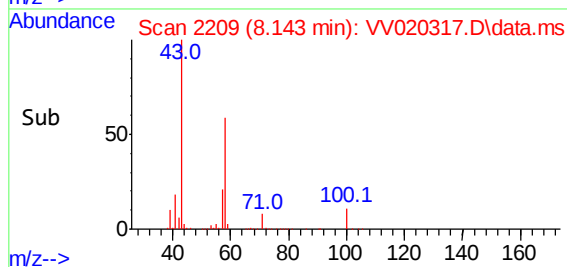
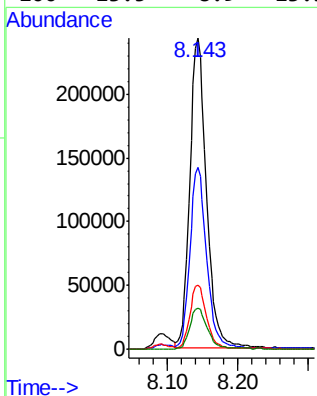
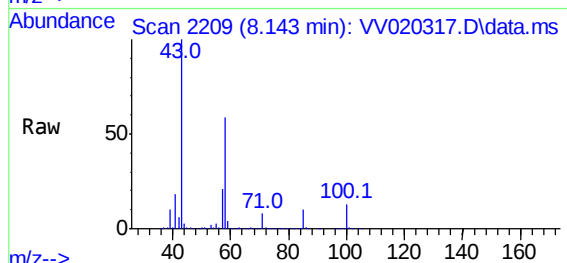




#48
2-Hexanone
Concen: 108.87 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

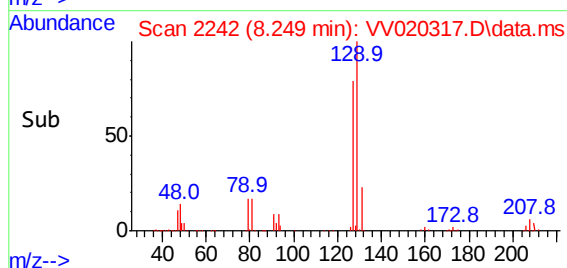
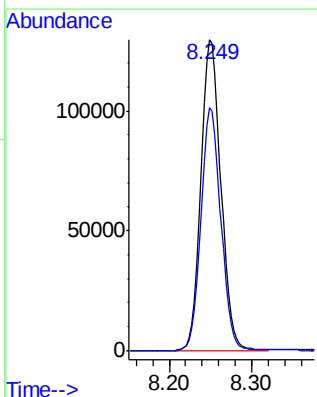
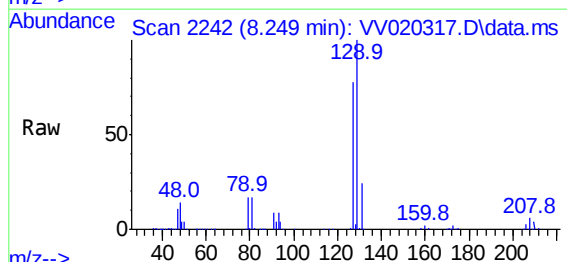
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

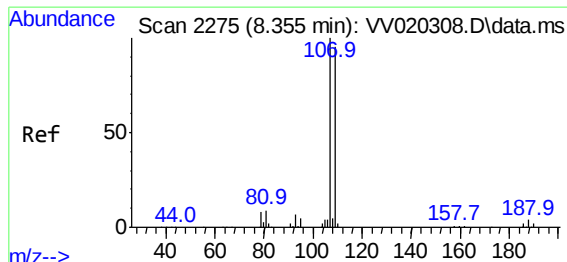
Tgt Ion: 43 Resp: 401277
Ion Ratio Lower Upper
43 100
58 57.7 41.8 62.6
57 19.7 15.0 22.4
100 13.5 8.9 13.3#



#49
Dibromochloromethane
Concen: 50.51 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 129 Resp: 219166
Ion Ratio Lower Upper
129 100
127 78.1 55.2 102.6

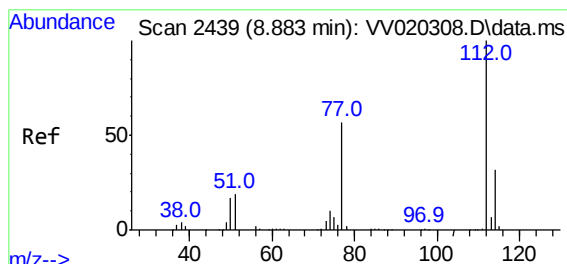
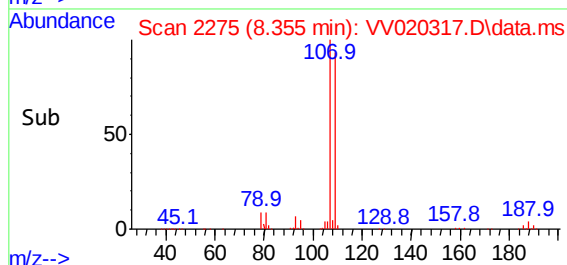
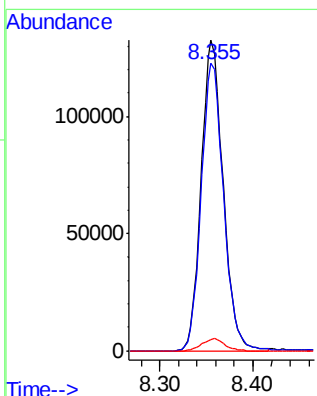
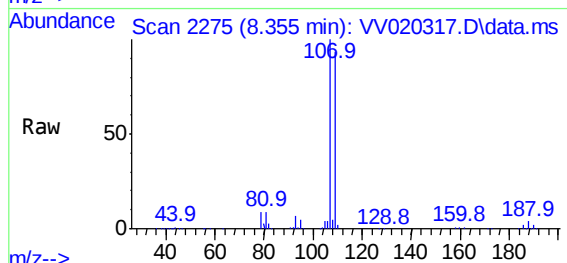




#50
1,2-Dibromoethane
Concen: 51.45 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

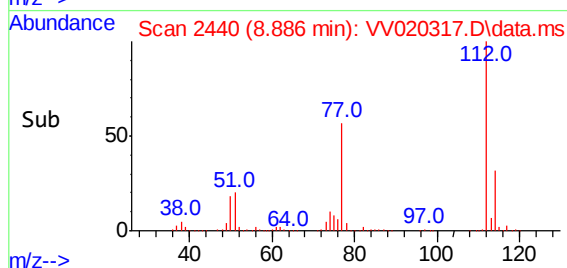
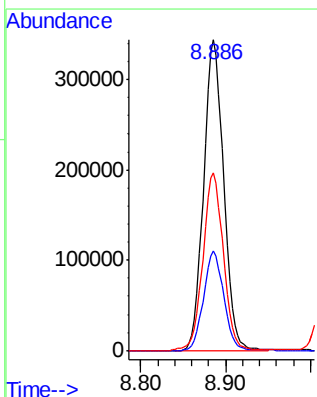
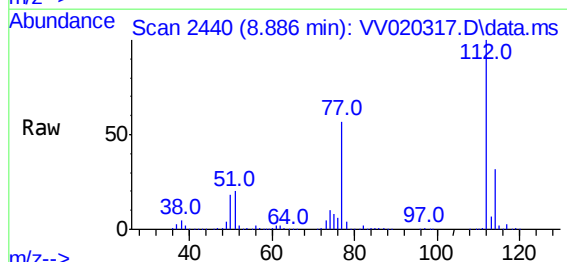
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

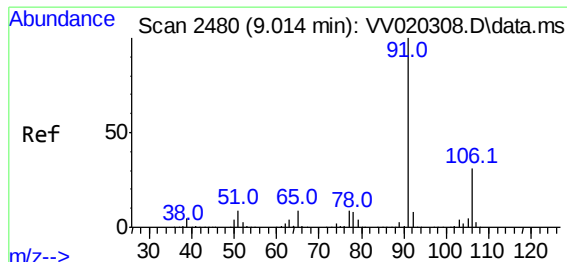
Tgt Ion:107 Resp: 216737
Ion Ratio Lower Upper
107 100
109 92.7 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 50.46 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:112 Resp: 561659
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 57.3 49.0 73.6

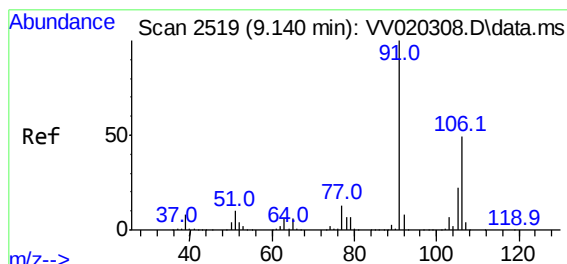
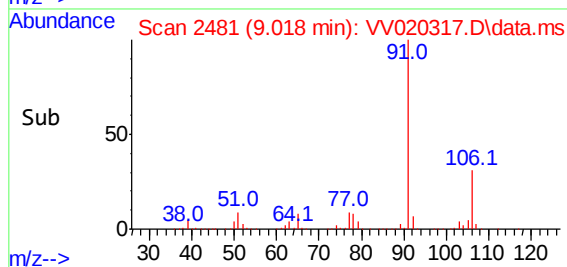
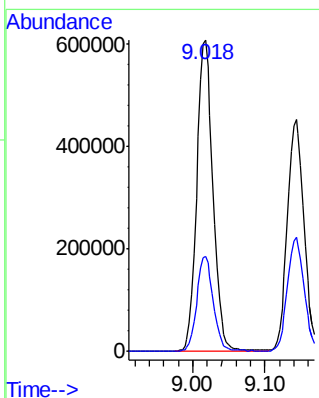
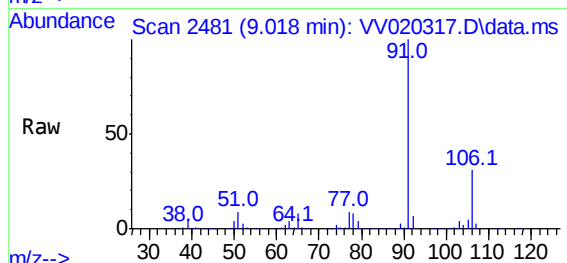




#52
Ethylbenzene
Concen: 51.35 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

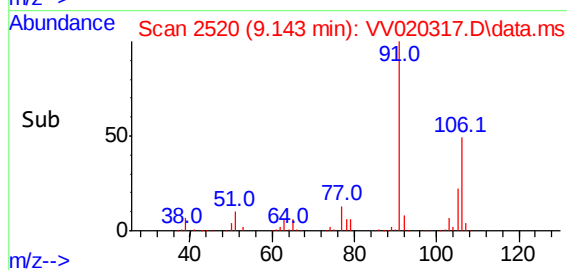
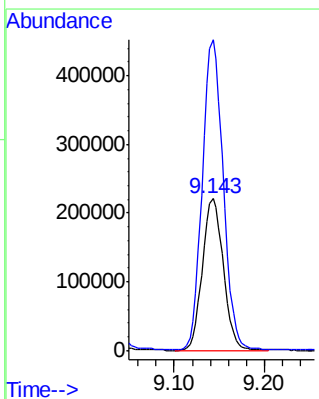
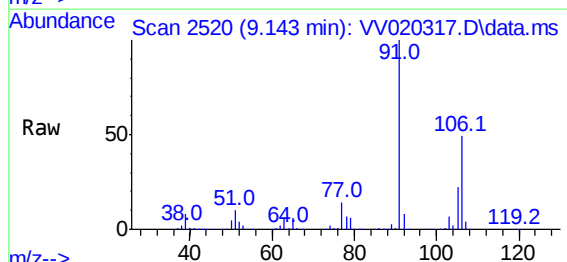
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

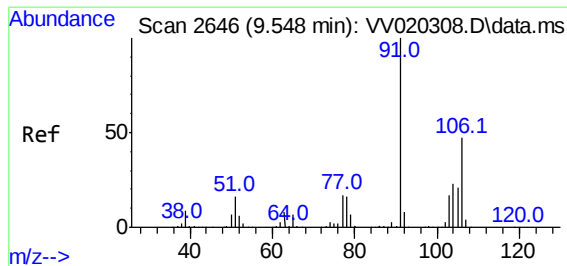
Tgt Ion: 91 Resp: 941049
Ion Ratio Lower Upper
91 100
106 30.5 21.0 39.0



#53
m,p-Xylene
Concen: 50.65 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 106 Resp: 353397
Ion Ratio Lower Upper
106 100
91 204.5 148.1 275.0

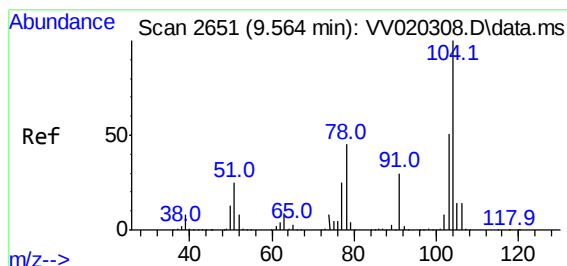
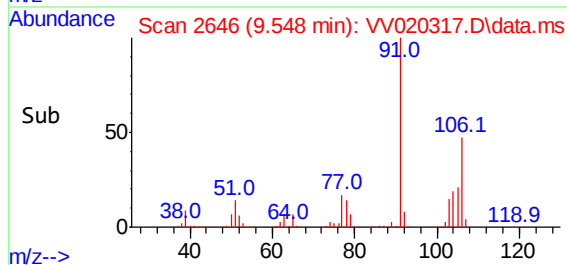
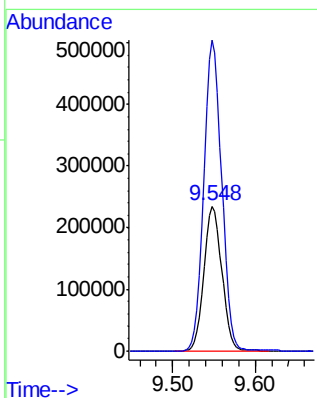
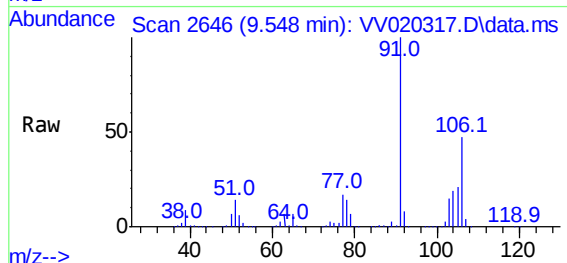




#54
o-xylene
Concen: 51.76 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

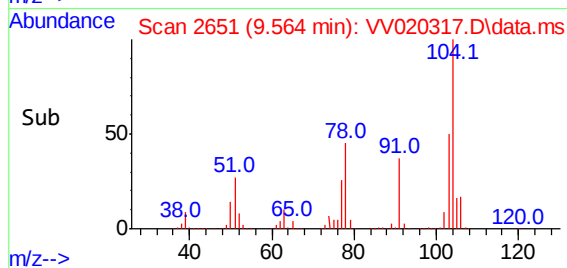
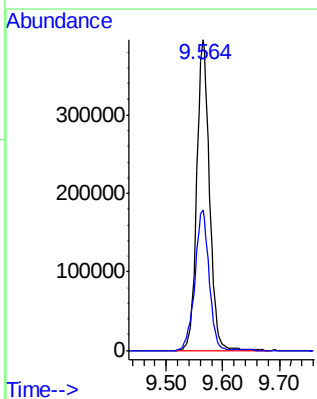
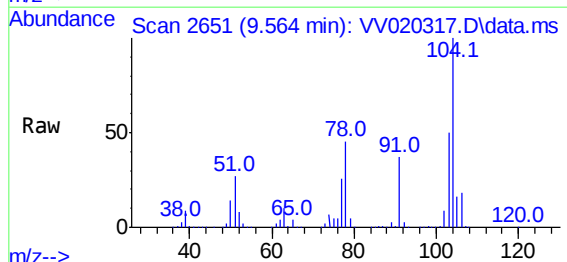
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

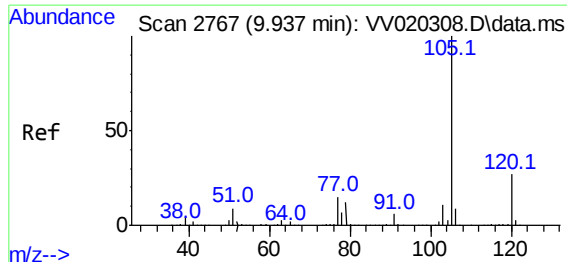
Tgt Ion:106 Resp: 351594
Ion Ratio Lower Upper
106 100
91 214.4 156.4 290.6



#55
Styrene
Concen: 53.10 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:104 Resp: 620768
Ion Ratio Lower Upper
104 100
78 45.1 33.7 62.5



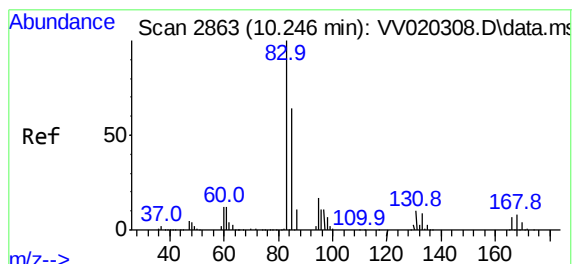
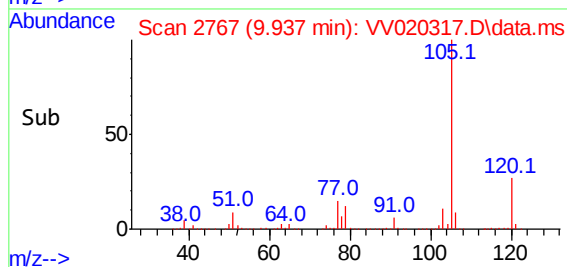
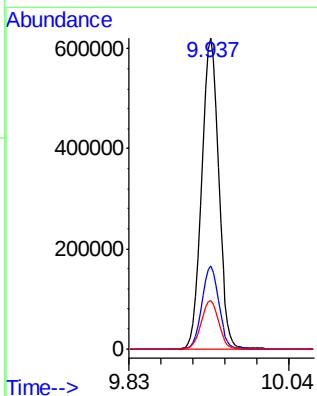
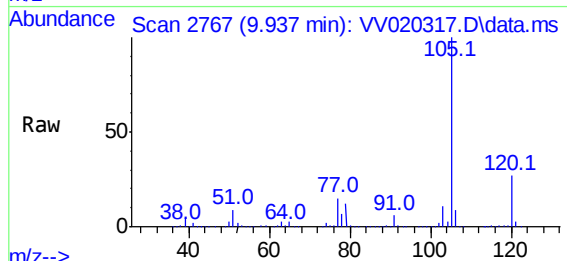


#56
Isopropylbenzene
Concen: 51.26 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

Tgt Ion:105 Resp: 934421

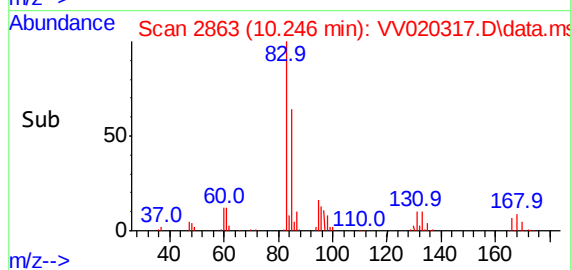
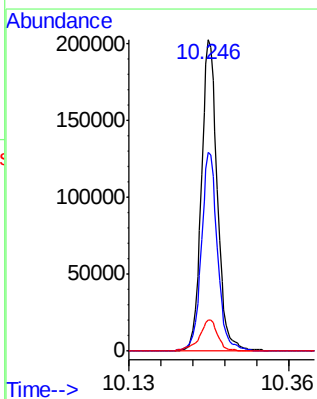
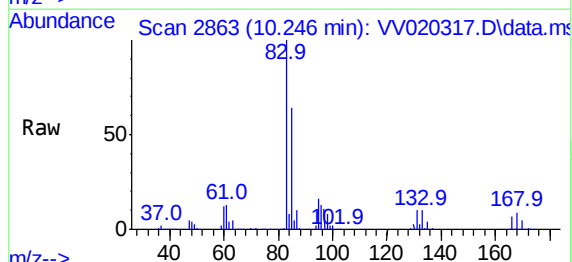
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.5	30.7
77	15.7	13.6	20.4

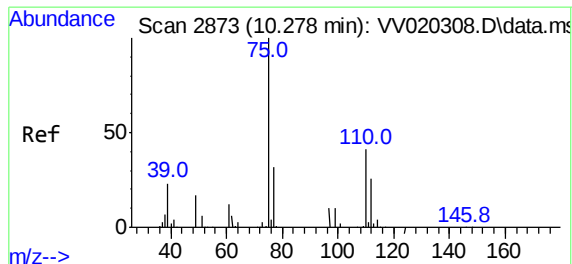


#58
1,1,2,2-Tetrachloroethane
Concen: 51.82 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 83 Resp: 321037

Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.3	82.3
131	10.0	7.3	10.9

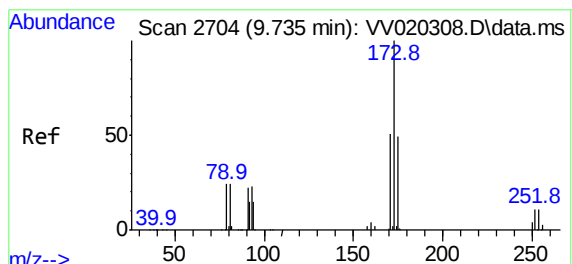
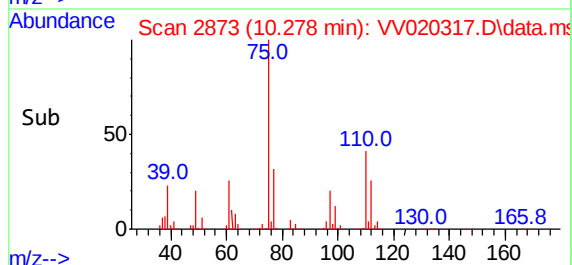
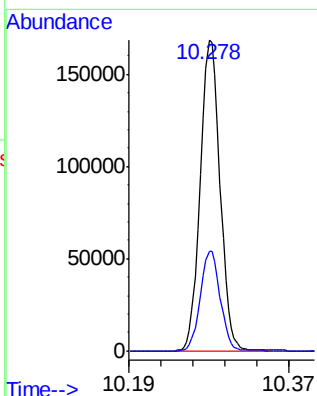
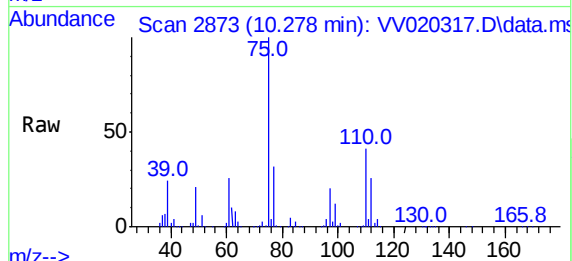




#59
1,2,3-Trichloropropane
Concen: 51.66 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

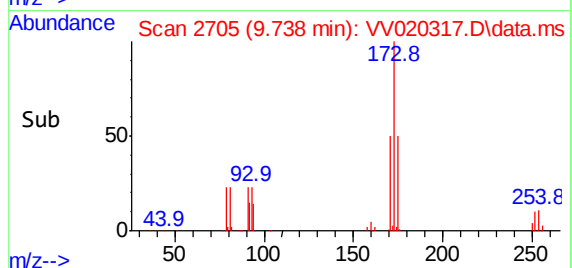
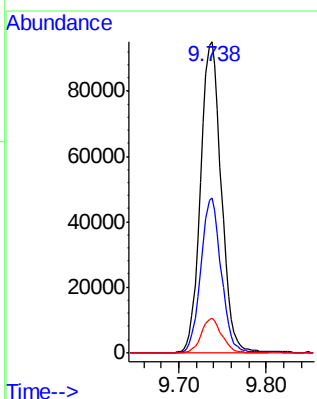
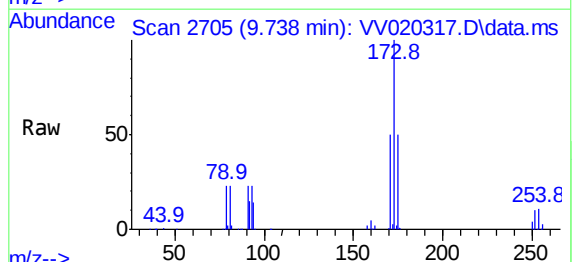
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

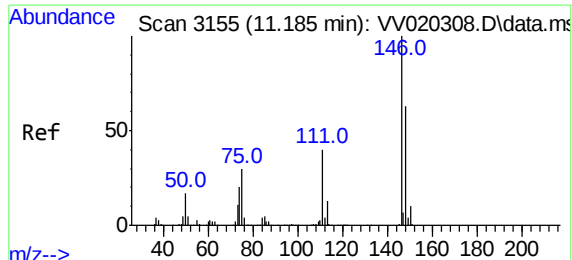
Tgt Ion: 75 Resp: 264641
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#61
Bromoform
Concen: 49.75 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:173 Resp: 155335
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 10.6 6.5 9.7#

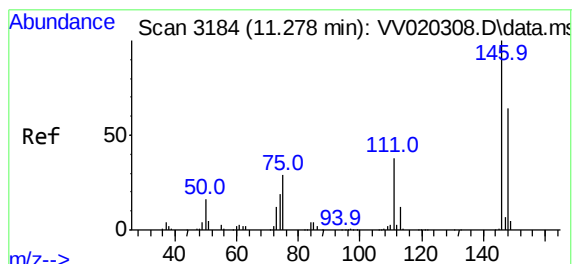
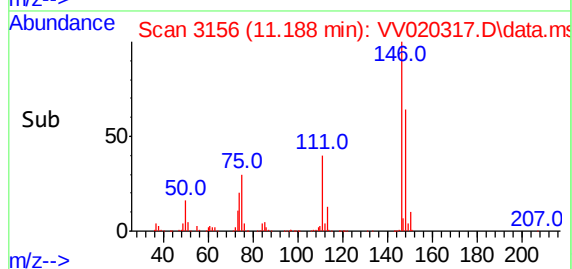
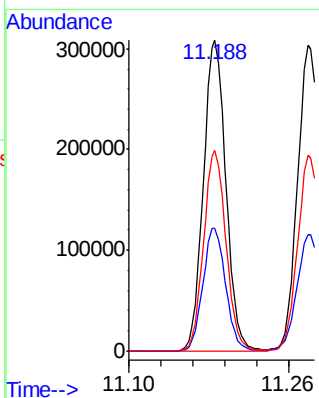
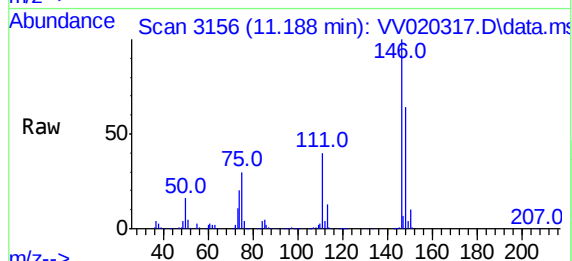




#62
1,3-Dichlorobenzene
Concen: 51.31 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

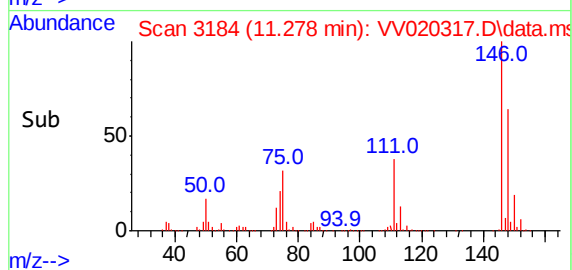
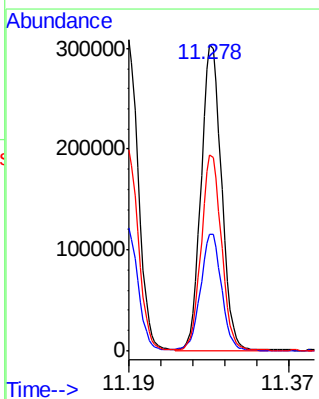
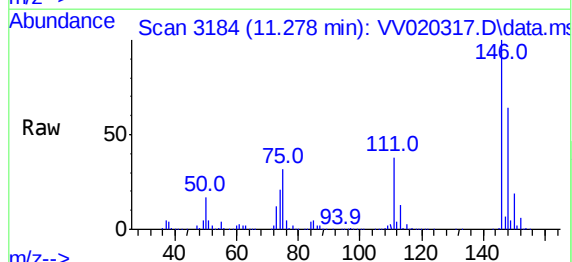
Instrument :
MSVOA_V
ClientSampled :
VSTD05094

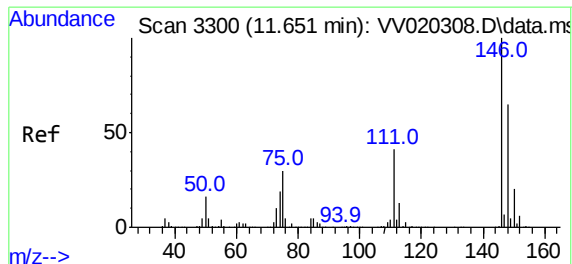
Tgt Ion:146 Resp: 465787
Ion Ratio Lower Upper
146 100
111 39.6 30.2 56.2
148 64.4 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 50.83 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:146 Resp: 473194
Ion Ratio Lower Upper
146 100
111 38.1 29.4 54.6
148 64.0 44.7 83.1

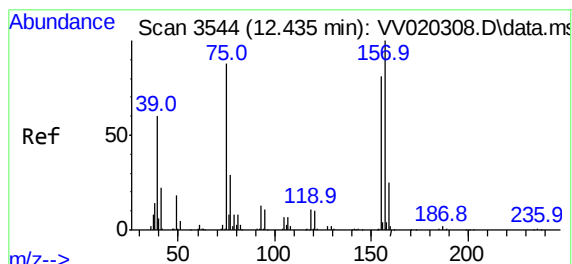
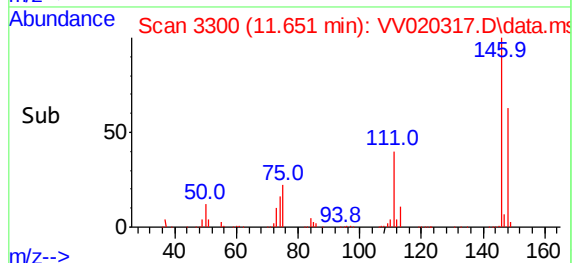
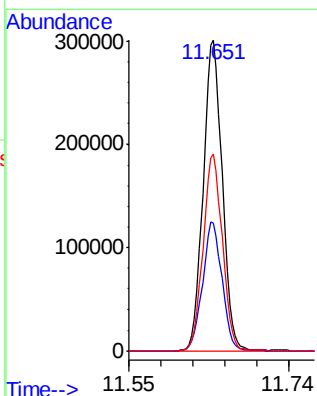
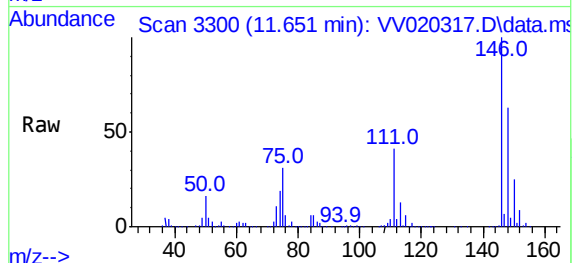




#65
1,2-Dichlorobenzene
Concen: 51.45 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

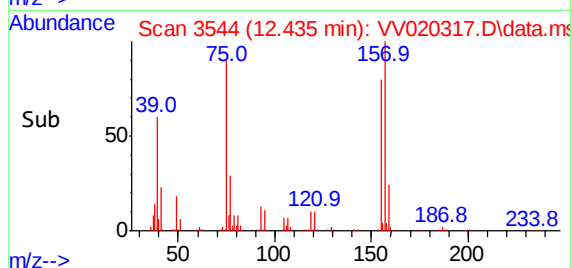
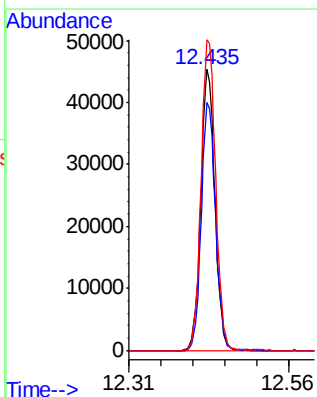
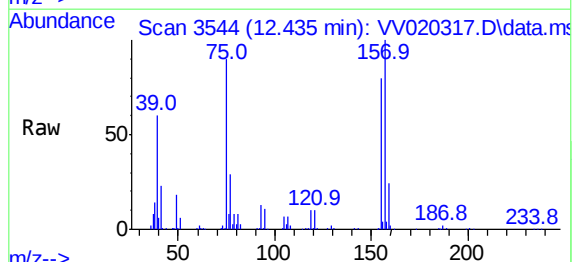
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

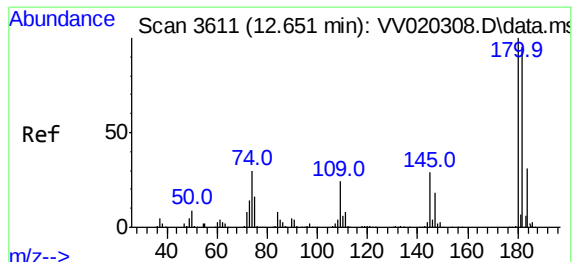
Tgt Ion:146 Resp: 466312
Ion Ratio Lower Upper
146 100
111 41.2 36.3 54.5
148 63.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.52 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion: 75 Resp: 70242
Ion Ratio Lower Upper
75 100
155 88.1 59.1 88.7
157 110.6 75.4 113.0

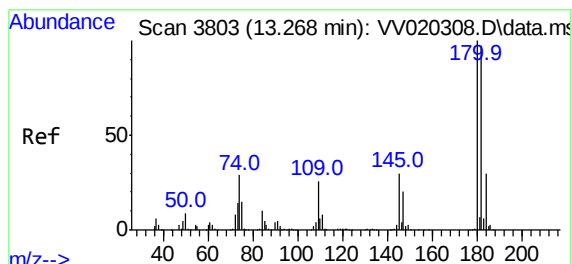
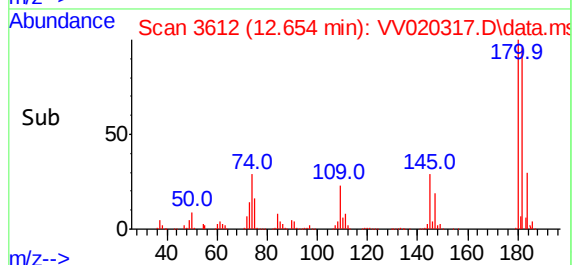
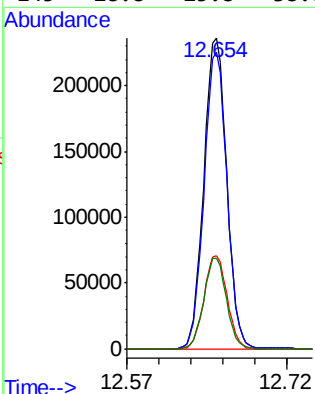
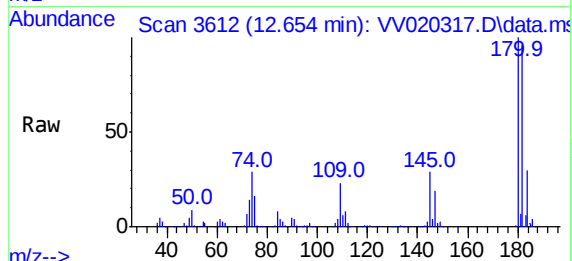




#67
1,3,5-Trichlorobenzene
Concen: 51.27 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

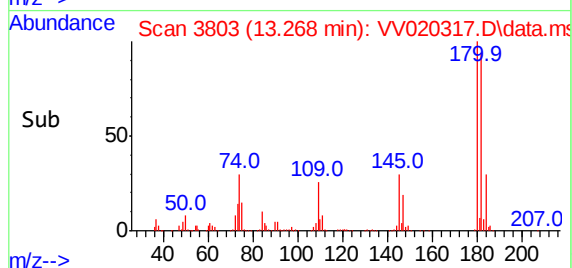
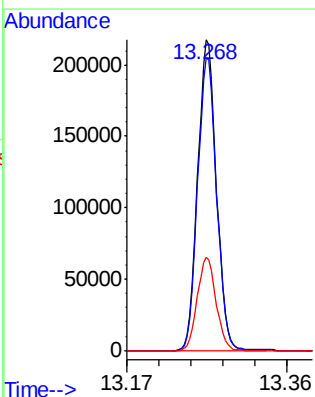
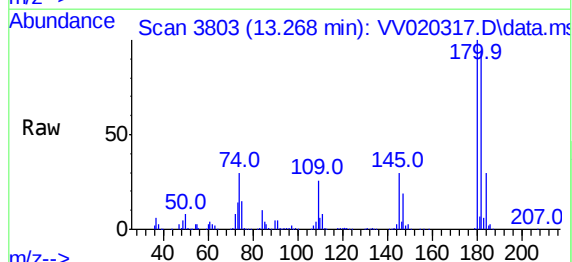
Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

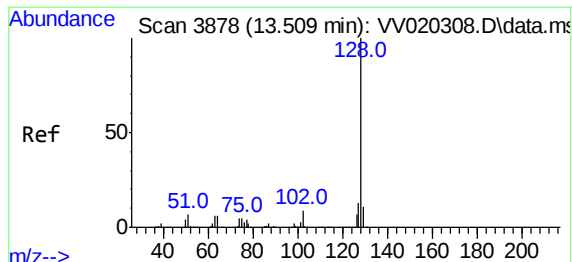
Tgt Ion:180 Resp: 363464
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.6
184 30.4 24.0 36.0
145 28.8 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 52.59 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:180 Resp: 330767
Ion Ratio Lower Upper
180 100
182 95.6 75.1 112.7
145 30.0 26.8 40.2

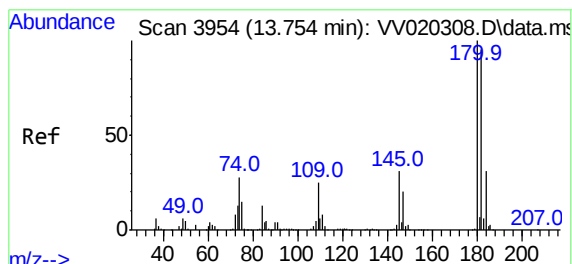
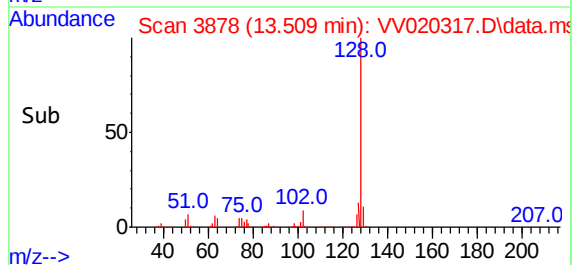
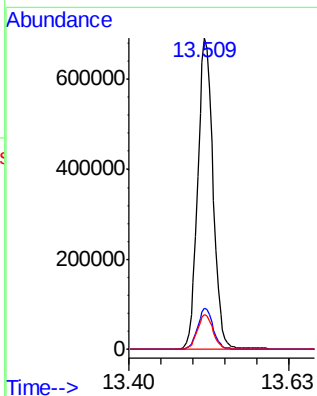
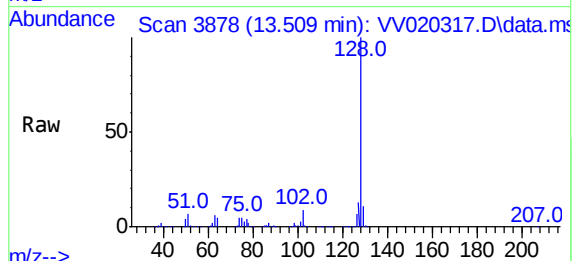




#69
Naphthalene
Concen: 57.29 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD05094

Tgt Ion:128 Resp: 1031880
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 54.13 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020317.D
Acq: 12 Feb 2021 17:23

Tgt Ion:180 Resp: 339011
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 31.3 27.9 41.9

